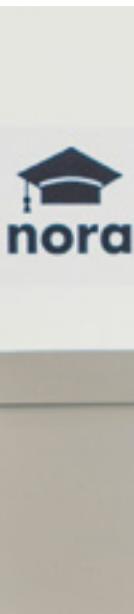
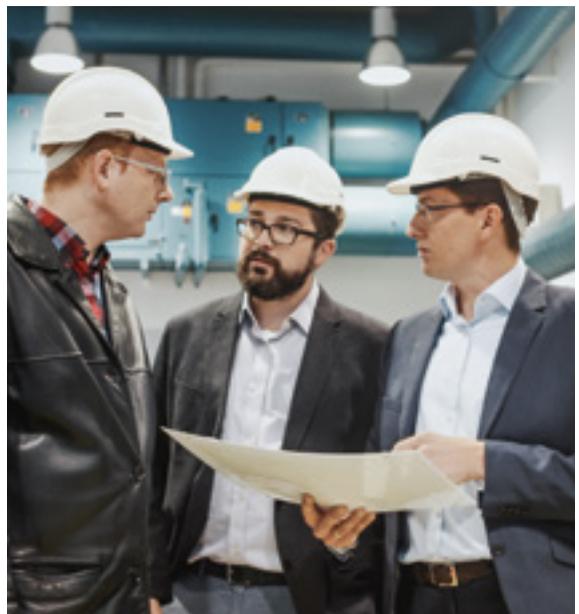
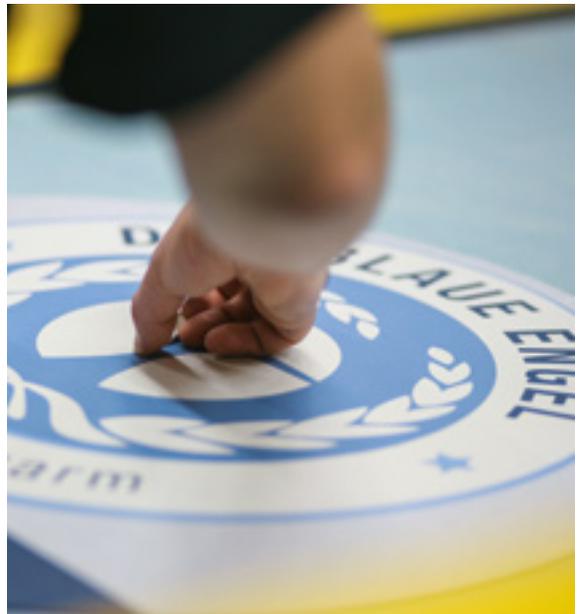




# RUBBER FLOOR COVERINGS AND ACCESSORIES 2021

**nora**<sup>®</sup>  
by **Interface**<sup>®</sup>





# Floor coverings with expertise in sustainability, functionality and design

We are driven by the idea of creating extraordinary and individual floor solutions that can withstand the most diverse and highest load patterns. We have found in high-quality rubber the ideal material and properties that can meet this claim. Mixed with minerals from natural sources and other components, such as environmentally friendly colour pigments, the rubber is extracted into blanks, pressed and then vulcanized with heat and under high pressure. This process gives our floor coverings their permanently resilient properties and their extremely resistant surface.

Moreover, nora® floor coverings are slip resistant and highly flame retardant (acc. to EN 13501), exhibit outstanding ergonomic properties and absorb footfall sounds. In addition, they are free of phthalate plasticisers and do not need to be coated. Properties that are highly valued by our customers in a wide variety of areas.

Accordingly, nora® floor coverings can be found everywhere in the world, for instance in

- Hospitals and nursing facilities. Here they are used in highly sterile areas that are subject to the strictest hygiene requirements, such as operating rooms, but also in patient rooms to create a comfortable, healing environment.
- Schools, universities and kindergartens – facilities that are also highly frequented and besides that give priority to a good indoor air.
- Airports and rail vehicles – areas that are frequented by millions of people every day and therefore must fulfil the highest requirements in terms of durability, slip-resistance and fire-safety.
- Office, administration and industrial buildings that must comply with special regulations and standards.

Fulfilling our customers' and partners' requirements is a matter of course to us. With this in mind, we would like to assure that our customer's decision for nora® floor coverings is the right one: today, tomorrow and thereafter. This is our claim we stand for!

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# About Interface

Interface, Inc. is a global flooring company specializing in carpet tile and resilient flooring, including luxury vinyl tile (LVT) and nora® rubber flooring.

Interface helps its customers to create high-performance interior spaces that support well-being, productivity, and creativity, as well as the sustainability of the planet. The mission Climate Take Back™ invites stakeholders to join and to act in a way that restores the planet and creates a climate fit for life.

Learn more about Interface at [interface.com](https://interface.com) and [blog.interface.com](https://blog.interface.com) and the Carbon Neutral Floors™ program at [interface.com/carbonneutral](https://interface.com/carbonneutral).

With products from nora, Interface complements its portfolio, giving customers more choices to meet their flooring needs across endless commercial applications. Together, we can create beautiful, functional spaces that have a positive impact on people's lives and the planet.



# Interface + nora

Together, Interface and nora offer an unrivaled capacity to cover every single area of your building – from a single source. We can help you find the ideal flooring solutions with the functional properties you need for different spaces – from the classroom to the conference room, to retail spaces and public areas, all the way through stairwells to laboratories and operating rooms.

We have the product range and application expertise to help you find exactly what you need, where you need it. And we look forward to helping you find it.



# Carbon Neutral Floors™

In keeping with its 25-year commitment to sustainability, Interface has taken a holistic approach to carbon neutrality, looking beyond carbon emissions from manufacturing to considering and calculating emissions across the entire product lifecycle. This begins with raw materials and continues through manufacturing, transportation, maintenance and ultimately end-of-life product takeback and recycling.

In 2018, the company launched the Carbon Neutral Floors™ program, which is offered as a standard to every customer, at no extra cost, to help them meet their own sustainability goals while also allowing them to reduce the emissions impact of their projects or spaces. Through the Carbon Neutral Floors™ program, Interface also offers project certificates to provide information to each customer to help them understand the carbon impact of their purchase. For each flooring purchase, the company can calculate the estimated carbon reductions and present that documentation to the customer at the project or total global purchase level.

As a part of the Interface Group, nora systems GmbH has been included into the Carbon Neutral Floors™ program in 2019 as well, which means that also nora® rubber floor coverings are CO<sub>2</sub> neutral\* across their entire product lifecycle. As a result, Interface's entire product portfolio - carpet tiles, luxury vinyl tiles (LVT), and now also nora® rubber floor coverings - is CO<sub>2</sub> neutral.

\*nora® floor coverings are CO<sub>2</sub> neutral over the entire product life cycle. We are continuously working on further reducing CO<sub>2</sub> emissions within the value chain through various measures. Remaining CO<sub>2</sub> emissions are offset by the acquisition of certificates relating to audited emission reduction projects.



# Building and corporate certifications, memberships and cooperation agreements

We take our responsibilities towards the environment and society extremely seriously. Various independent facilities have confirmed this to us in the form of different certificates and awards, not just in Germany but in other countries as well.

Sustainability criteria are becoming more and more important in the realisation of building concepts. In public procurement law they are often mandatory for the tender and decisive for the award of a contract. nora can help you score at green building rating systems.



## Building certifications

nora® rubber floor coverings, nora® accessories, and nora® installation materials can enhance the sustainability properties of buildings for DGNB (German Sustainable Building Council), LEED (Leadership in Energy and Environmental Design), BREEAM (BRE Environmental Assessment Method), and other certifications.

[www.dgnb.de/en/](http://www.dgnb.de/en/)  
[www.usgbc.org/leed](http://www.usgbc.org/leed)  
[www.breeam.de/](http://www.breeam.de/)



## Memberships and corporate certifications

nora systems GmbH maintains a large number of fruitful relationships with different sustainability institutions. Because our attitude is: Together we are stronger when it comes to preserving our environment.

At nora systems, the production methods and all raw materials are subject to high ecological standards, and nora® products are internationally certified and regularly tested by independent institutes.

In the field of the environment and sustainability, nora systems is one of the leading companies in its sector and is among the initiators of the German Sustainable Building Council (DGNB) and a member of the U.S. Green Building Council (USGBC). nora was the first resilient floor covering manufacturer to publish Environmental Product Declarations (EPDs), and nora was also one of the first resilient flooring manufacturers to receive ISO 14001 certification for our environmental management systems.

Research and innovation are important parts of nora's corporate policy. For this reason, the "German Stifterverband" awarded nora the seal "Innovative through Research", which honours researching companies for the special responsibility they assume for the state and society.



Certified: DIN EN ISO 14001,  
DIN EN ISO 50001



# nora<sup>®</sup> floor coverings

## Eco-labels, approvals and Environmental Product Declarations



[www.blauer-engel.de/uz120](http://www.blauer-engel.de/uz120)



### The Blue Angel

One of the world's most famous and oldest eco-label, initiated by the Cabinet of Germany. This guarantees that products fulfil particularly stringent environmental, health, and performance requirements, including emission and constituent specifications.

Approval criteria: DE-UZ 120

### Greenguard Gold

Greenguard Gold Certification promotes the protection and safety of sensitive persons in regards to indoor air quality. Certified products fulfil stringent emission standards, affording an invaluable contribution to the quality of indoor air.

Approval criteria: UL 2818 Standard for Chemical Emissions for Building Materials

### Cradle to Cradle

Cradle to Cradle is a quality standard that examines the biological and technical regenerative cycle of a product's materials. Against this background, the aim is to develop respectively promote a potentially infinite recycling economy. The rating levels range from Basic to Bronze, Silver, Gold and Platinum.

Approval criteria: Cradle to Cradle Certified™ Product Standard

### Austrian eco-label

The Austrian eco-label is awarded by the Austrian Ministry of Agriculture, Forestry, Environment, and Water Management. It guarantees environmentally friendly products and services. Certified floor coverings exert as small an impact as possible on the environment and health over their whole life cycle.

Approval criteria: UZ 42

### M1

The Finnish test mark M1 is regarded as the highest certification for building products in the Scandinavian region. Besides stringent emission thresholds for total volatile organic compounds (TVOCs), the label also includes a sensory odour test.

Approval criteria: Classification of Indoor Climate 2018 and the Classification of Building Materials: General Instructions.

### Etiquetage

In France, building products are classified according to their potential for emissions.

The object is to eliminate risks to the health of persons inside the building.

Approval criteria: French VOC label: Emissions dans l'air intérieur (Décret n° 2011-321)



## Bygghvarubedömningen

The Swedish institute Bygghvarubedömningen assesses the sustainability of building products with respect to their emissions, constituents, and production process. The products are classified as "Recommended", "Accepted", or "To be Avoided".

Approval criteria: Bygghvarubedömningen's criteria for chemical content and lifecycle aspects



## EPDs from Institut Bauen und Umwelt e.V.

EPDs (Environmental Product Declarations) are issued on the basis of international standards by the Institut für Bauen und Umwelt e.V. (IBU). They document the ecological aspects of a product over its whole life cycle. An EPD is a neutral, but invaluable source of information in the choice of sustainable building products.



## Indoor Air Comfort GOLD

The Eurofins certification Indoor Air Comfort GOLD combines emissions requirements with the most important European quality mark, in one certificate. With this international label, planners, building owners and architects can specifically use products that do not compromise indoor air by giving off impurities. It means that more purposefully selected products can be used that have been certified thanks to their low emission levels and their sustainable properties.



## Singapore Greenbuilding

Singapore Greenbuilding sets high standards and benchmarks for green building solutions. It certifies eco-friendly building products that are resource-efficient, potentially more economical and lower the environmental impact. This certification also considers if the product provides better indoor air quality for a more healthy and productive workplace in buildings. Products can be rated from good to very good, excellent to leader.

Approval criteria: Singapore Green Building Product Certification Scheme



## Global GreenTag

Global GreenTag is a multi-criteria, green product rating and certification system. It examines the Life Cycle Assessment (LCA) of a product and assesses different benefits as for example greenhouse gas emissions, human health and ecotoxicity as well as biodiversity and resource consumption. Products are awarded on the following three levels: A, B and C.

Approval criteria: GreenTag Standard v4.0

Details on eco-labels, approvals and Environmental Product Declarations can be found at [certificates.nora.com](https://certificates.nora.com)

nora® rubber floor coverings

# Naturally made of rubber

nora® floor coverings are made of high-quality natural and industrial rubber. They are mixed with minerals from natural sources and other components, such as environmentally compatible colour pigments, pulled into blanks, pressed and then vulcanized under heat and high pressure.

Due to the special properties of rubber, nora® floor coverings don't require phthalate plasticisers and don't need to be coated. They retain their unique functionality and aesthetics for decades. The floor coverings are rounded off by an unparalleled range of accessories and an outstanding service for a design that is both harmonious and cross-functional - across all surfaces, stairs and levels.



# Our product lines offer boundless possibilities

Everyone aspires to individuality. Why should this claim stop at the floor covering? Our product lines norament® and noraplan® together with our special floorings form a perfectly practical synthesis of design, functionality, and environmental compatibility. We are therefore convinced that we can offer our customers the perfect solution for every need and creative idea. Get to know our product portfolio on the following pages, and learn more about how you can set highlights with nora® floor coverings and system solutions.

## norament®

This classic rubber floor covering is a convincing combination of sustainable quality and outstanding functionality. Thanks to its dense surface, it withstands even the highest loads and furthermore can be used in a wide variety of working environments, for example in the industrial sector. The product portfolio comprises a total of six designs: from the classic pastille norament® 926/825, which was used for decades at Frankfurt Airport, the center of European air traffic, to norament® 926 arago, which due to its stone look lends a modern ambience to interiors.

## noraplan®

noraplan® floor coverings are available in rolls or tiles with great designs and colours for virtually unlimited design opportunities. Outstanding technical and functional properties make noraplan® floorings suitable for the most diverse demands and environments, such as hospitals, kindergartens or universities. The product portfolio consists of ten designs. noraplan® signa for example offers the largest selection of all nora® floorings with a palette of 48 colours.

## Special floorings

We have developed various special floor coverings for areas subject to special technical standards and requirements. These include e.g. acoustic floor coverings with an impact sound improvement index of 20 dB, electrostatically dissipative or conductive qualities, removable floor coverings or highly specialised solutions for ice rinks, golf facilities, and many more. With noracare® we also offer a special sheet flooring for areas with extraordinary demands on hygienic cleaning and maintenance as well as stain and chemical resistance.



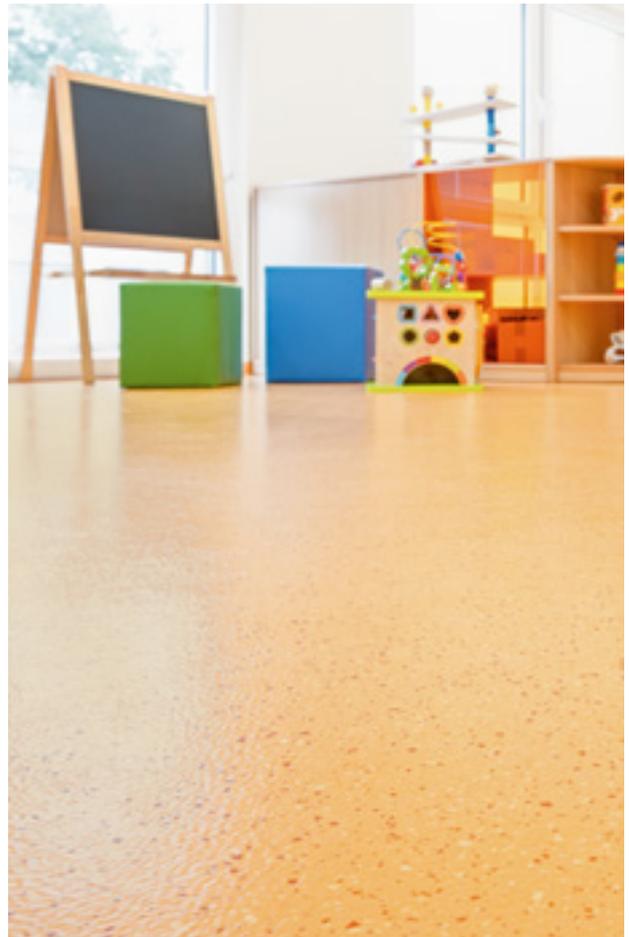
# norament®

norament®, the pioneer among rubber floor coverings, represents absolute top quality and functionality. The standard square tile sizes of 1004 x 1004 mm are available in a wide range of colour and surface designs. Get to know our norament® product portfolio on the following pages, and feel free to call your personal contact with any questions you may have.





Children's Hospital Colorado, USA © John Wagman Global Photo Associates

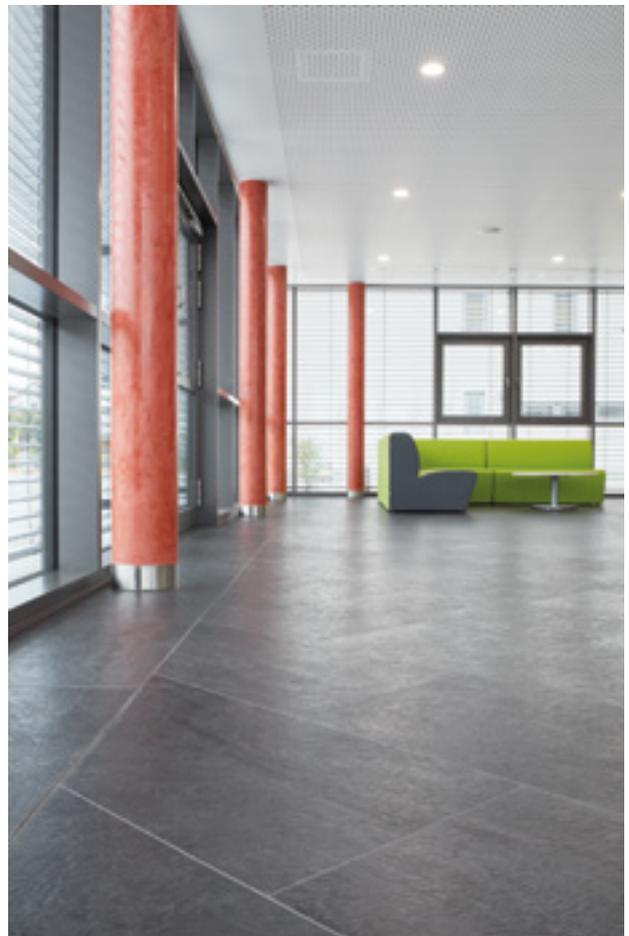


Kita "An der Schutter", Ingolstadt, Germany © Dirk Wilhelmy



taz, Berlin, Germany

© Stephan Falk



Elementary and Middle School Niederaichbach, Germany

© Markus Bachmann



# norament® 926/825

One-coloured, classic round pastille for use in extremely heavy (926) and heavy traffic areas (825).



③ 0170



③ 6173



② 0007



② 0884



② 0214



② 2079



② 0319



③ 0733



③ 2685



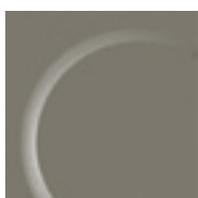
③ 6172



③ 6192



③ 2074



② 0882



② 0749



② 0716



① 0702



III  0890



IV 0866



IV 6191



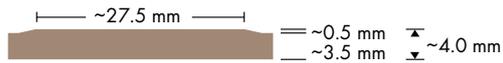
IV 0846\*

**norament® 926**

 20

Art. 926/354

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U  
Resists most oils and greases

These colours can also be delivered as:

 Stairtread norament® 926, page 68

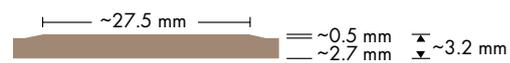
Price category

**norament® 825**

 20

Art. 825/1902

□ ~501 mm x 501 mm



nora® profile connection dimension: D + U

\*Colour design by Sir Norman Foster

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**





# norament® 926 grano

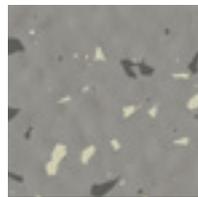
A granular design rich in contrast with a hammerblow surface or a cubic structure for use in extremely heavy traffic areas.



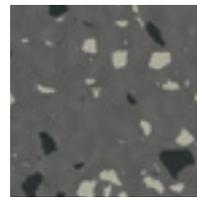
⚡ ⌵ ⌵ 5301



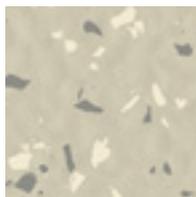
⌵ ⌵ 5302



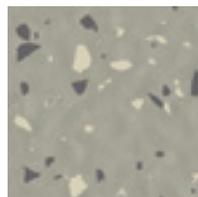
■ ⌵ ⌵ 5303



■ ⚡ ⌵ ⌵ 5304



⌵ 5305



⚡ ⌵ 5306



⌵ 5307



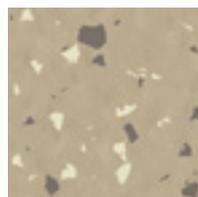
⌵ ⌵ 5308



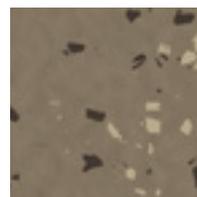
5309



■ 5310



■ 5311



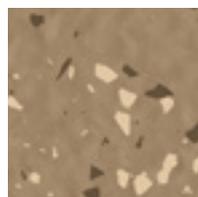
5312



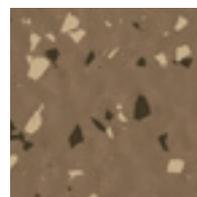
⌵ 5313



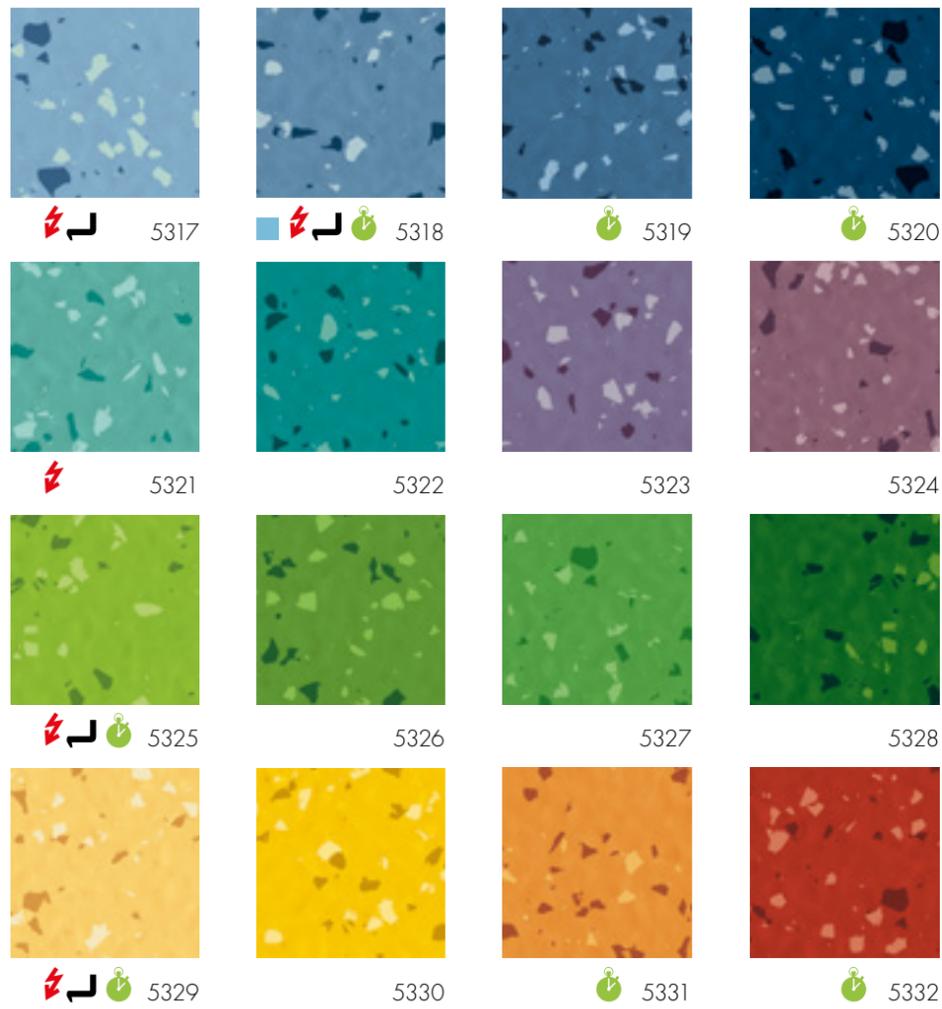
⌵ 5314



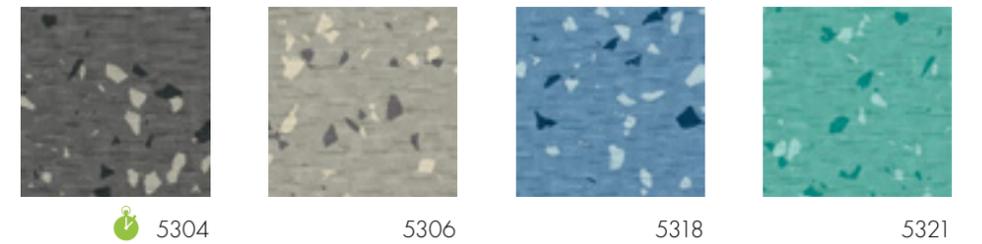
⌵ ⌵ 5315



5316



norament® 926 grano · cubic-structure



norament® 926 grano



Art. 926 grano/1870

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U

Resists most oils and greases

Slip resistant R10

norament® 926 grano · hammerblow surface

norament® 926 grano



Art. 926 grano/1880

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U

Resists most oils and greases

Slip resistant R9

These colours can also be delivered as:

-  Special flooring norament® 928 grano ed electrostatically dissipative, page 55
-  Stairtread norament® 926 grano, page 69
-  norament® 926 grano nTx, page 79

norament® 926 grano



Art. 926 grano/1911

□ ~610 mm x 610 mm



nora® profile connection dimension: E + U

Resists most oils and greases

Slip resistant R9

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request. Please ask for minimum quantities and delivery times.**



Vehmaan School, Vehmaa, Finland



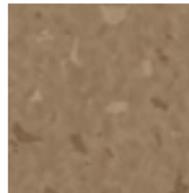
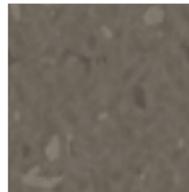
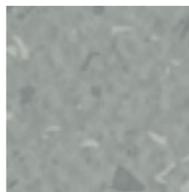
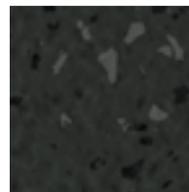
Kita "An der Schutter", Ingolstadt, Germany

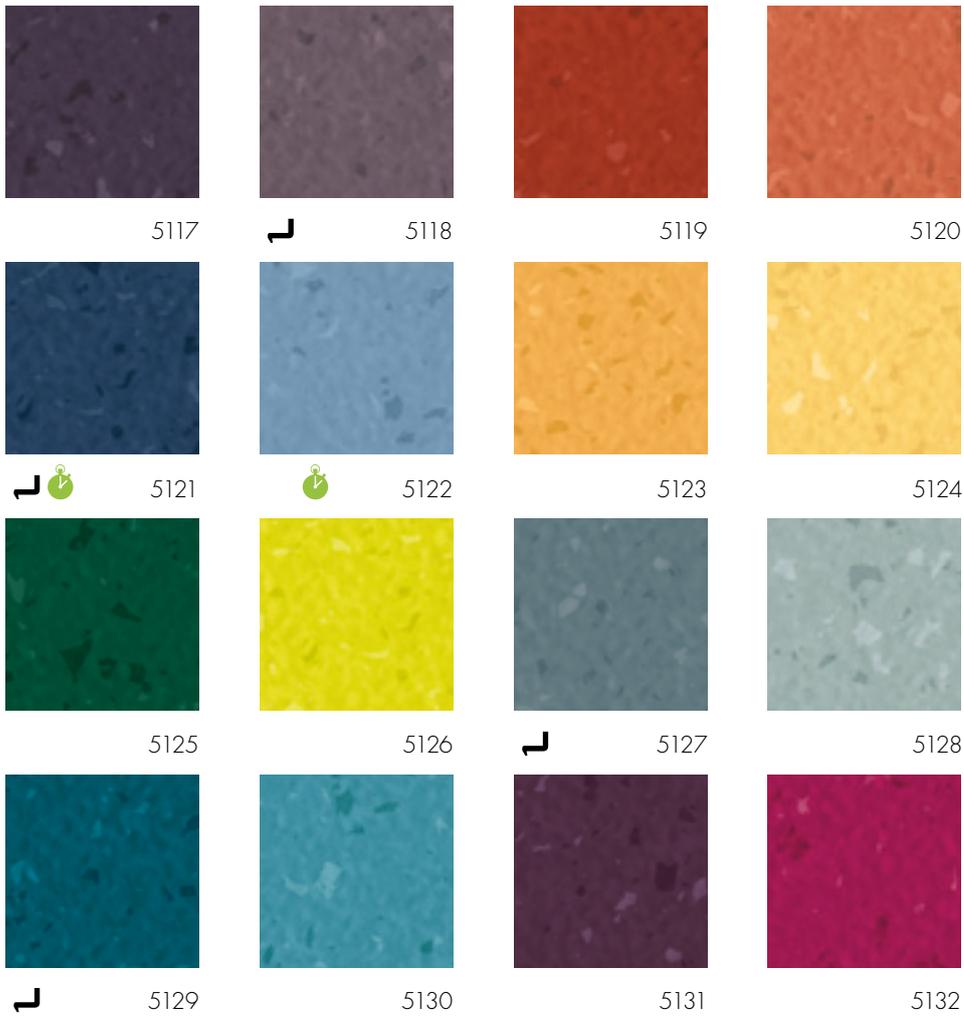
© Dirk Wilhelmy



# norament® 926 satura

Tone-in-tone granular design with a hammerblow surface for use in extremely heavy traffic areas.

			
5101	5102	5103	5104
			
5105	5106	5107	5108
			
5109	5110	5111	5112
			
5113	5114	5115	5116



**norament® 926 satura**

32

Art. 926 satura/1880

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U

Resists most oils and greases

These colours can also be delivered as:

Stairtread norament® 926 satura, page 70

norament® 926 satura nTx, page 79

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request. Please ask for minimum quantities and delivery times.**



# norament® 926 castello

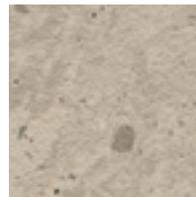
Slightly structured two-tone surface combined with an irregular grain design and modern marbling for maximum demands. No two tiles are the same – each tile is totally unique.



5351



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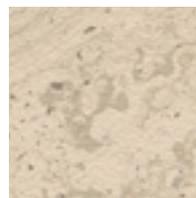
 5354



 5355



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5358

**norament® 926 castello**



Art. 926 castello/3167

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U

Resists most oils and greases

Variations in colour and design, even within one production batch, define the product's aesthetic character.



norament® 926 castello nTx, page 79

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request.**

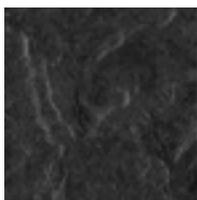
**Please ask for minimum quantities and delivery times.**



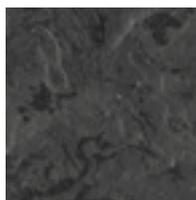


# norament® 926 arago

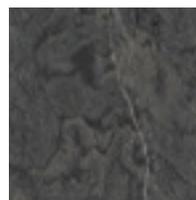
Flat, direction-oriented relief structure with fine grain design and modern marbling for maximum demands. No two tiles are the same - each tile is totally unique.



5170



5171



5172



5173



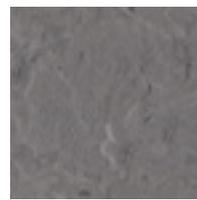
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5175



5176



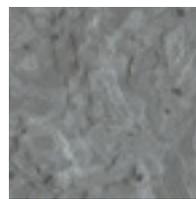
5177



5178



5179



5180



5181

**norament® 926 arago**

12

**Art. 926 arago/3118**

□ ~1004 mm x 502 mm



nora® profile connection dimension: E + U

Resists most oils and greases

**norament® 926 arago with chamfered edges**

12

**Art. 926 arago/3119**

□ ~998 mm x 497 mm



nora® profile connection dimension: E + U

Resists most oils and greases

Order-related smaller formats can be cut for individual installation combinations from norament® 926 arago tiles with the standard dimensions of 1004 mm x 502 mm.

We supply tiles with chamfered edges on request such that the tile character of the installed floor covering is even more emphasized.

Variations in colour and design, even within one production batch, define the product's aesthetic character.

These colours can also be delivered as:

└─ Stairtread norament® 926 arago, page 71

📍 norament® 926 arago nTx, page 79

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request. Please ask for minimum quantities and delivery times.**



Cultural center de Warande, Turnhout, Belgium

© Bart Gosselin



# norament® 926 kivo

Irregular grain design with a slightly structured two-tone surface for high demands.



5361



5362



5363



5364



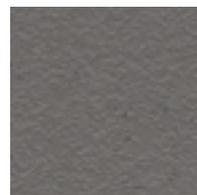
5365



5366



5367



5368

**norament® 926 kivo**

8

Art. 926 kivo/3166

□ ~1004 mm x 1004 mm

~2.7 mm

nora® profile connection dimension: C + U

Resists most oils and greases

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**



# noraplan®

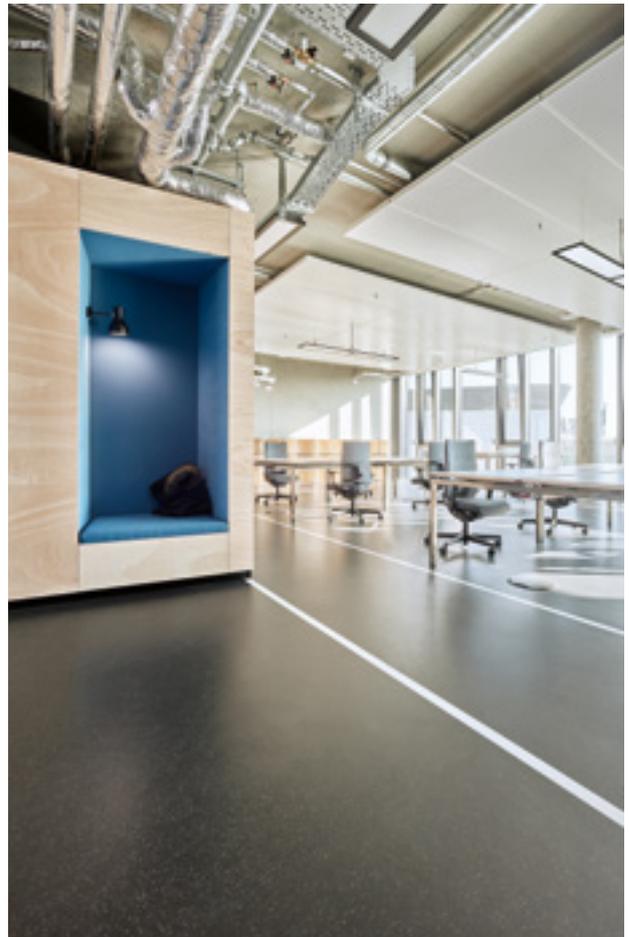
noraplan® floor coverings are available as sheet material or tiles, and offer an unlimited scope of design possibilities due to the the variety of designs and colours. All noraplan® floorings are suitable for heavy traffic areas. Learn more about the noraplan® product portfolio, the natural properties as well as the possible applications.





Hospital Floridsdorf, Vienna, Austria

© Markus Bachmann



Zalando Headquarter, Berlin, Germany

© Stephan Falk



Canteen Otto Group, Hamburg, Germany

© Valeska Achenbach



Erwin Fischer School, Greifswald, Germany

© Stephan Falk



# noraplan® lona

Elegant design with silk-matte, lightly structured surface that adds visual depth to the filigree arrangement of contrasting colours and accents.



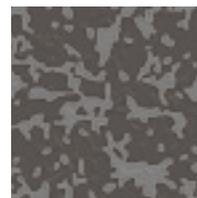
6900



6901



6902



6903



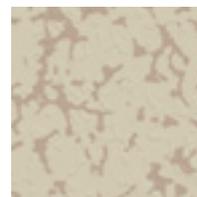
6904



6905



6906



6907



6908



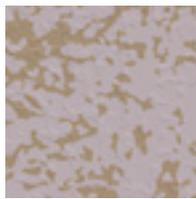
6909



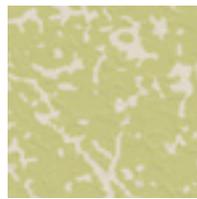
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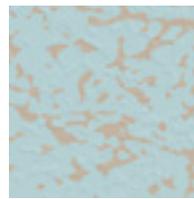
6911



6912



6913



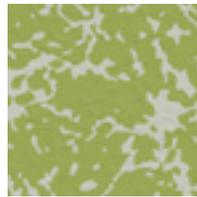
6914



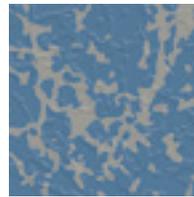
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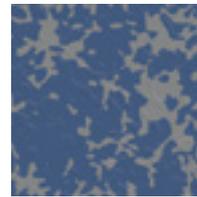
6916



6917



6918



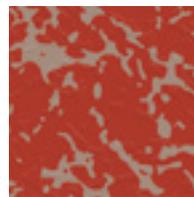
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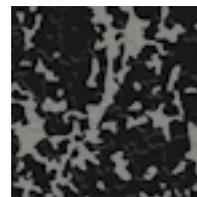
6920



6921



6922



6923

**noraplan® lona**

●●● 24

**Art. 166B**

□ ~1.22 m x 1.5.0 m

**Art. 266B**

□ ~610 mm x 610 mm

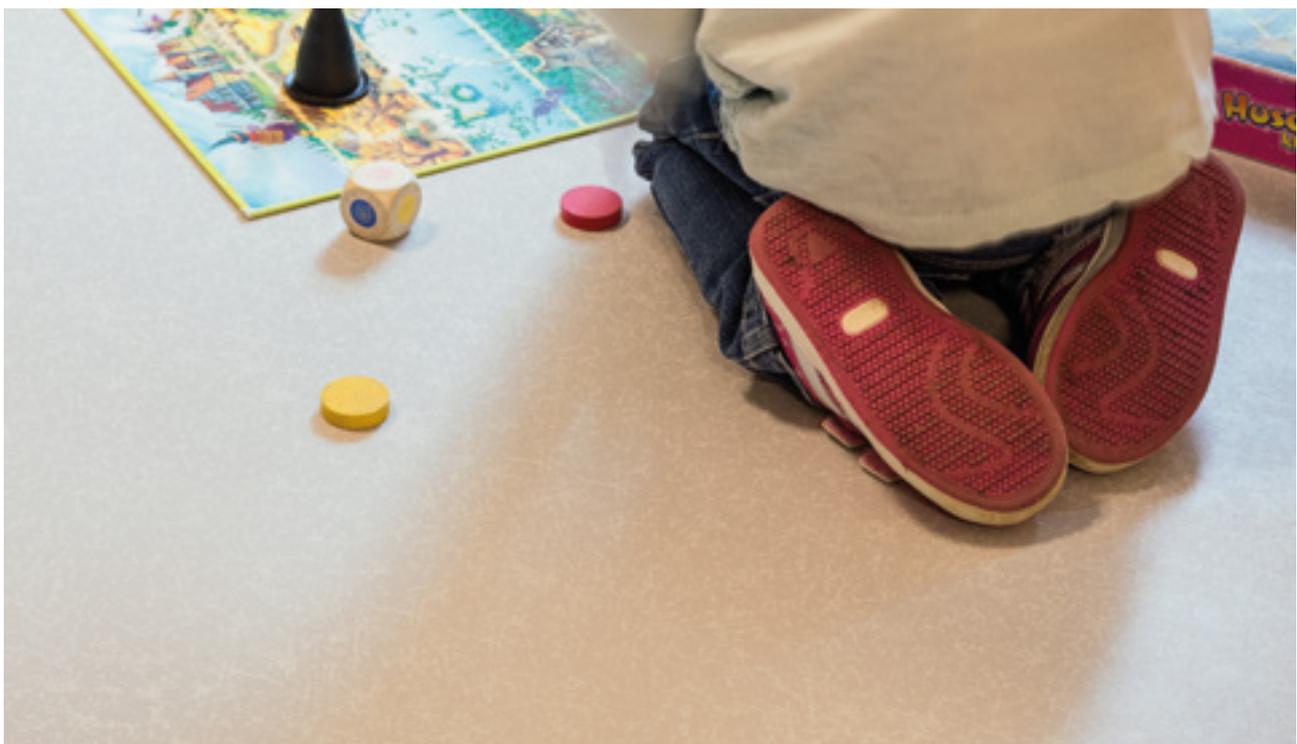
15 □ = 5.58 m<sup>2</sup> in one carton

■ ~2.0 mm

nora® profile connection dimension: A + U

Also available as noraplan® lona nTx, page 78

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**





# noraplan® linee

Subtle directional lines create gently shaded contrasts with the base colour. The linear surface at once accentuates and visually supports the restrained design.



7301



7302



7303



7304



7305



7306



7307



7308

**noraplan® linee**



Art. 160E

~1.22 m x 15.0 m

~2.0 mm

nora® profile connection dimension: A + U

Also available as noraplan® linee nTx, page 78

**Additional information on nora® nTx can also be found at [ntx.nora.com](https://ntx.nora.com).**





# noraplan® sentica

A changing base colour of harmoniously matched colour compositions with a smooth surface.



6500



6501



6502



6503



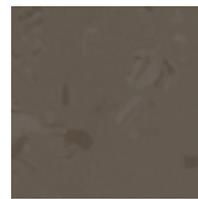
6504



6505



6506



6507



6508



6509



6510



6511



6512



6513



6514



6515



**noraplan® sentica**

38  
 Art. 1700  
 ~1.22 m x 15.0 m  
 Art. 2700  
 ~610 mm x 610 mm  
 15 □ = 5.58 m<sup>2</sup> in one carton

~2.0 mm

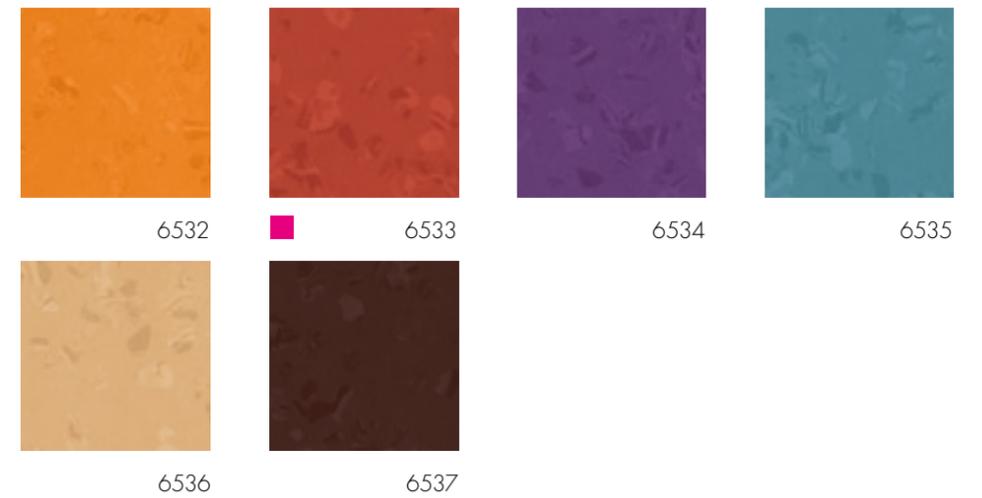
nora® profile connection dimension: A + U

**noraplan® sentica**

14  
 Art. 1701  
 ~1.22 m x 12.0 m  
 Art. 2701  
 ~610 mm x 610 mm  
 10 □ = 3.72 m<sup>2</sup> in one carton

~3.0 mm

nora® profile connection dimension: D + U



These colours can also be delivered as:

-  Special flooring noraplan® sentica ed electrostatically dissipative, page 56
-  Special flooring noraplan® sentica acoustic footfall-sound-absorbing 20 dB, page 59
-  noraplan® sentica nTx, page 79

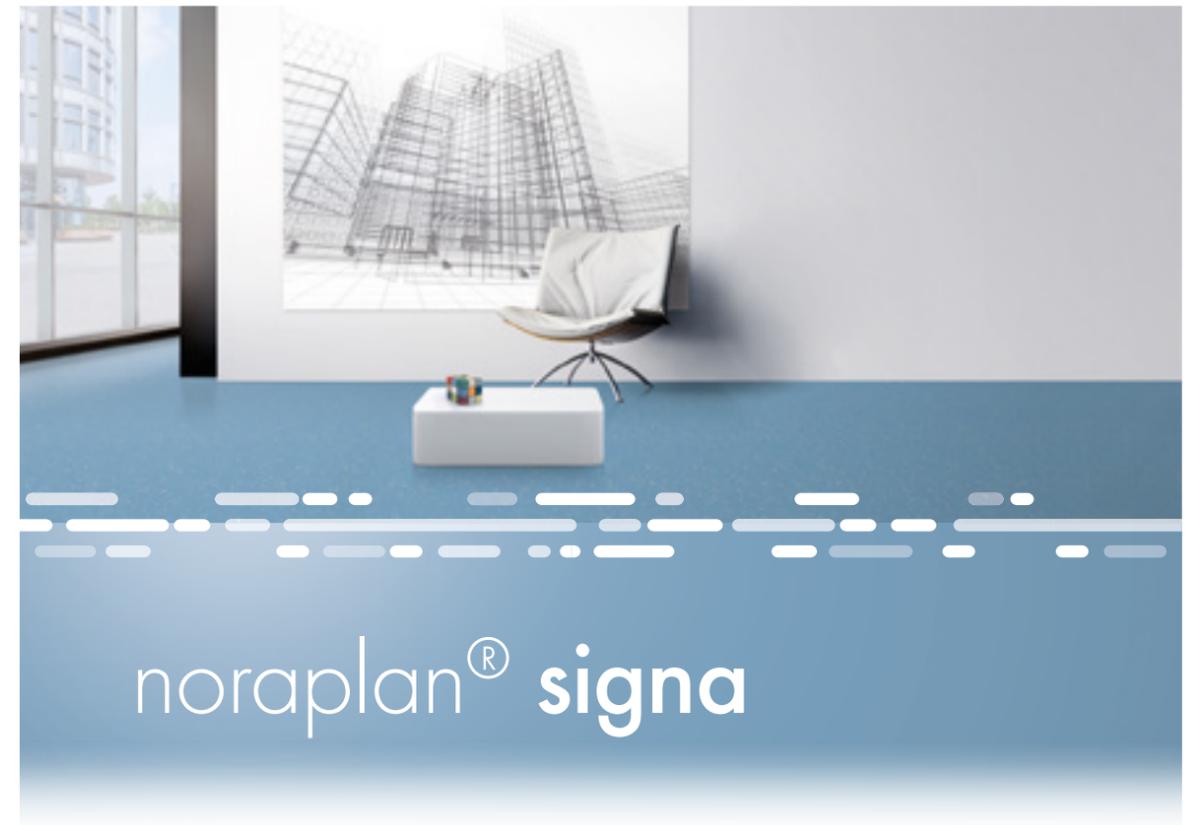
**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).  
 Special colours are available on request.  
 Please ask for minimum quantities and delivery times.**





Erwin Fischer School, Greifswald, Germany

© Stephan Falk



## noraplan® signa

A changing base colour consisting of three harmoniously matched colour components and characteristic granule inclusions with a smooth surface.





### noraplan® signa · smooth surface

#### noraplan® signa

48

Art. 1462

~1.22 m x 15.0 m

Art. 2462

~610 mm x 610 mm

15 = 5.58 m<sup>2</sup> in one carton



nora® profile connection dimension: A + U

Slip resistant R9

#### noraplan® signa

17

Art. 1463

~1.22 m x 12.0 m

Art. 2463

~610 mm x 610 mm

10 = 3.72 m<sup>2</sup> in one carton



nora® profile connection dimension: D + U

Slip resistant R9

These colours can also be delivered as:

⚡ Special flooring noraplan® signa ed electrostatically dissipative, page 57

🔊 Special flooring noraplan® signa acoustic footfall-sound-absorbing 20 dB, page 60

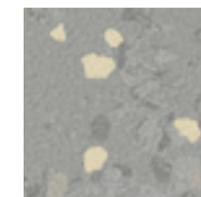
👤 noraplan® signa nTx, page 79

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request.**

**Please ask for minimum quantities and delivery times.**

### noraplan® signa · reflection-breaking surface



7036

#### noraplan® signa

1

Art. 1690

~1.22 m x 15.0 m

Art. 2690

~610 mm x 610 mm

15 = 5.58 m<sup>2</sup> in one carton



nora® profile connection dimension: A + U

Slip resistant R10



# noraplan® valua

Lively and flowing design with an organic texture in 24 colours inspired by nature and highlighted by a linear surface structure.



6708



6709



6710



6711



6712



6713



6714



6715



6716



6717



6718



6719



Kindergarten Zusmarshausen, Germany

© Markus Bachmann



6720



6721



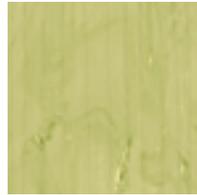
6722



6723



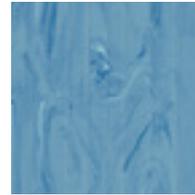
6724



6725



6726



6727



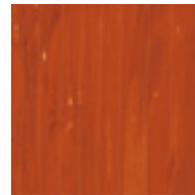
6728



6729



6730



6731



Art. 174A

~1.22 m x 15.0 m

~2.0 mm

nora® profile connection dimension: A + U



Art. 175A

~1.22 m x 12.0 m

~3.0 mm

nora® profile connection dimension: D + U

Also available as noraplan® valua nTx, page 78

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

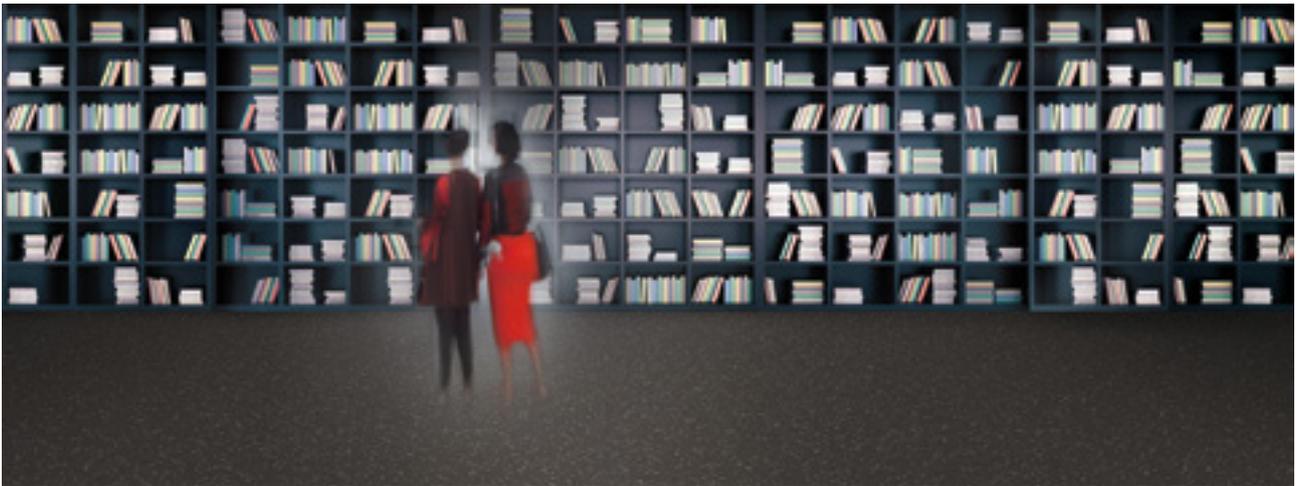
**Special colours are available on request.**

**Please ask for minimum quantities and delivery times.**



Kinderhaus WaldSchatz Kita, Waldbronn, Germany

© Klemens Ortmeyer



# noraplan® stone

Discreet, non-directional scatter design available with both reflection-breaking and smooth surfaces.

## noraplan® stone · smooth surface



6601



1146



1862



2306



6613



6614



6607



1279

### noraplan® stone



Art. 1600  
 ~1.22 m x 15.0 m

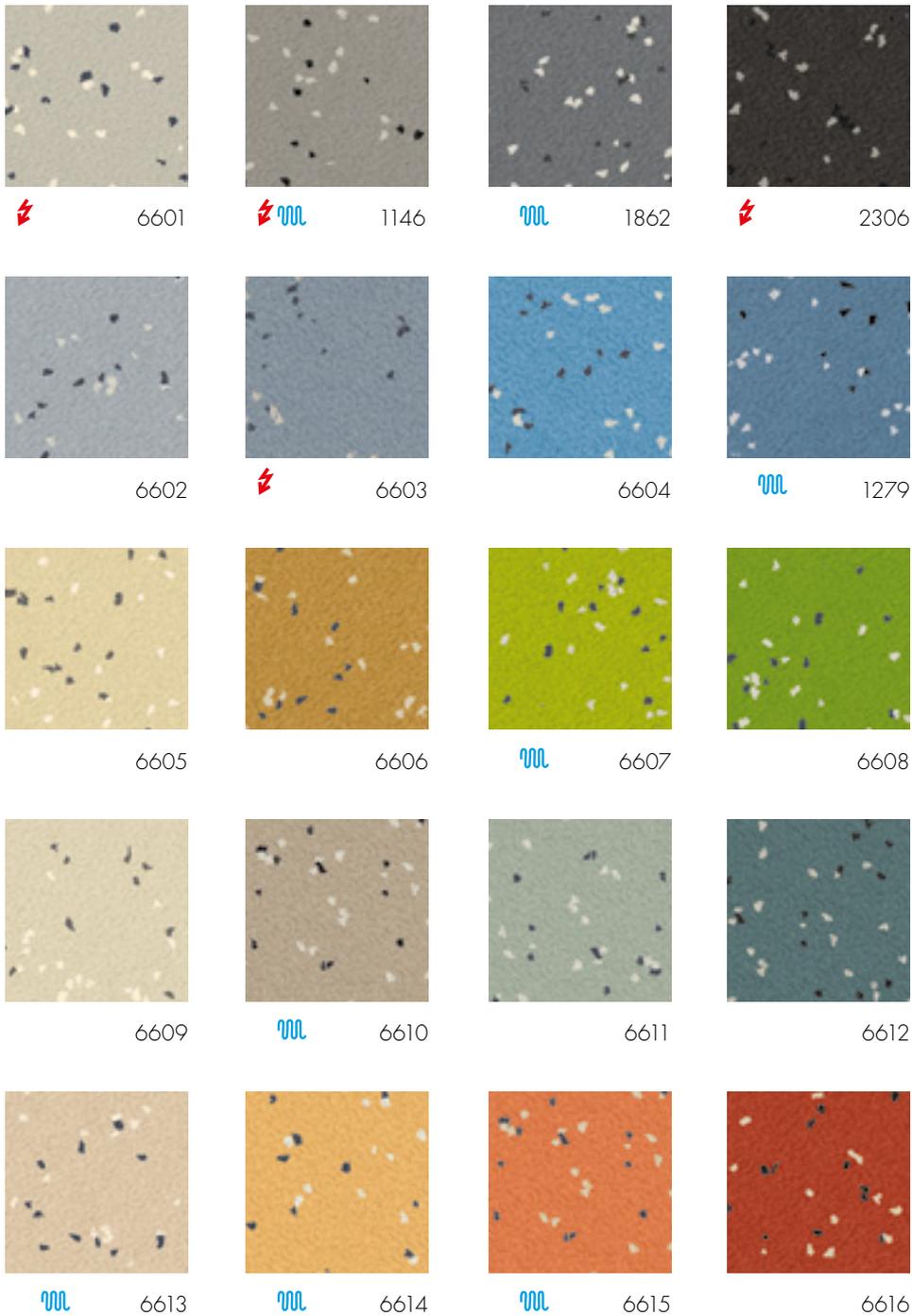
Art. 2600  
 ~610 mm x 610 mm  
 15  = 5.58 m<sup>2</sup> in one carton

 ~2.0 mm

nora® profile connection dimension: A + U

Slip resistant R9

noraplan® stone · reflection-breaking surface



noraplan® stone

20

Art. 149

~1.22 m x 15.0 m

Art. 249

~610 mm x 610 mm

15 = 5.58 m<sup>2</sup> in one carton

~2.0 mm

nora® profile connection dimension: A + U

Slip resistant R10

These colours can also be delivered as:

Special flooring noraplan® stone ed electrostatically dissipative, page 58

Special flooring noraplan® stone acoustic football-sound-absorbing 20 dB, page 61

Also available as noraplan® stone nTx, page 78

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request. Please ask for minimum quantities and delivery times.**

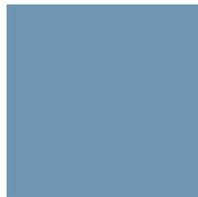


# noraplan® uni

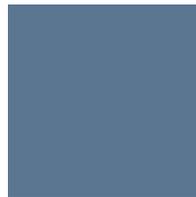
One-coloured with a smooth surface.



2446



6175



2140



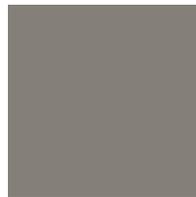
2647



2454



1810



2457



2451



6176



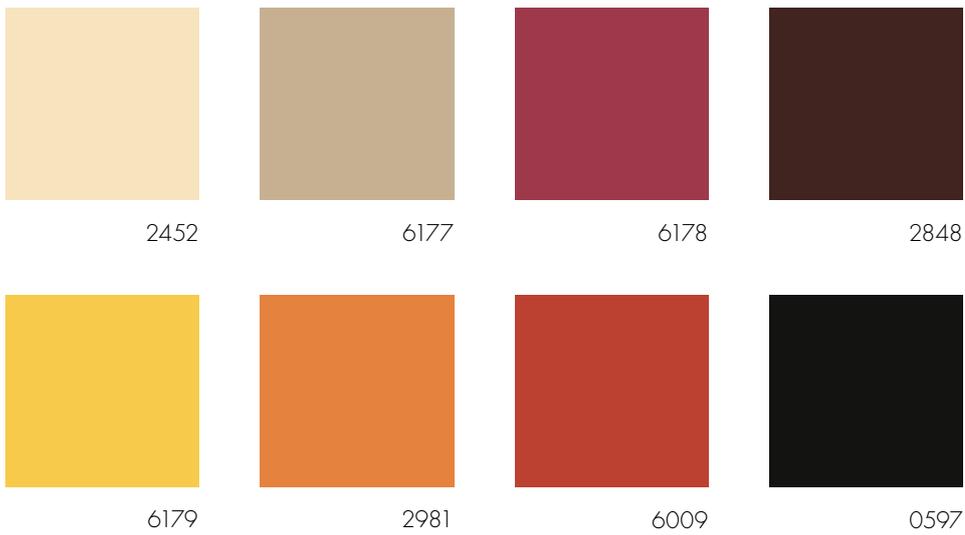
2144



0131



6129



**noraplan® uni**

 20

**Art. 1461**

 ~1.22 m x 12.0 m

**Art. 2461**

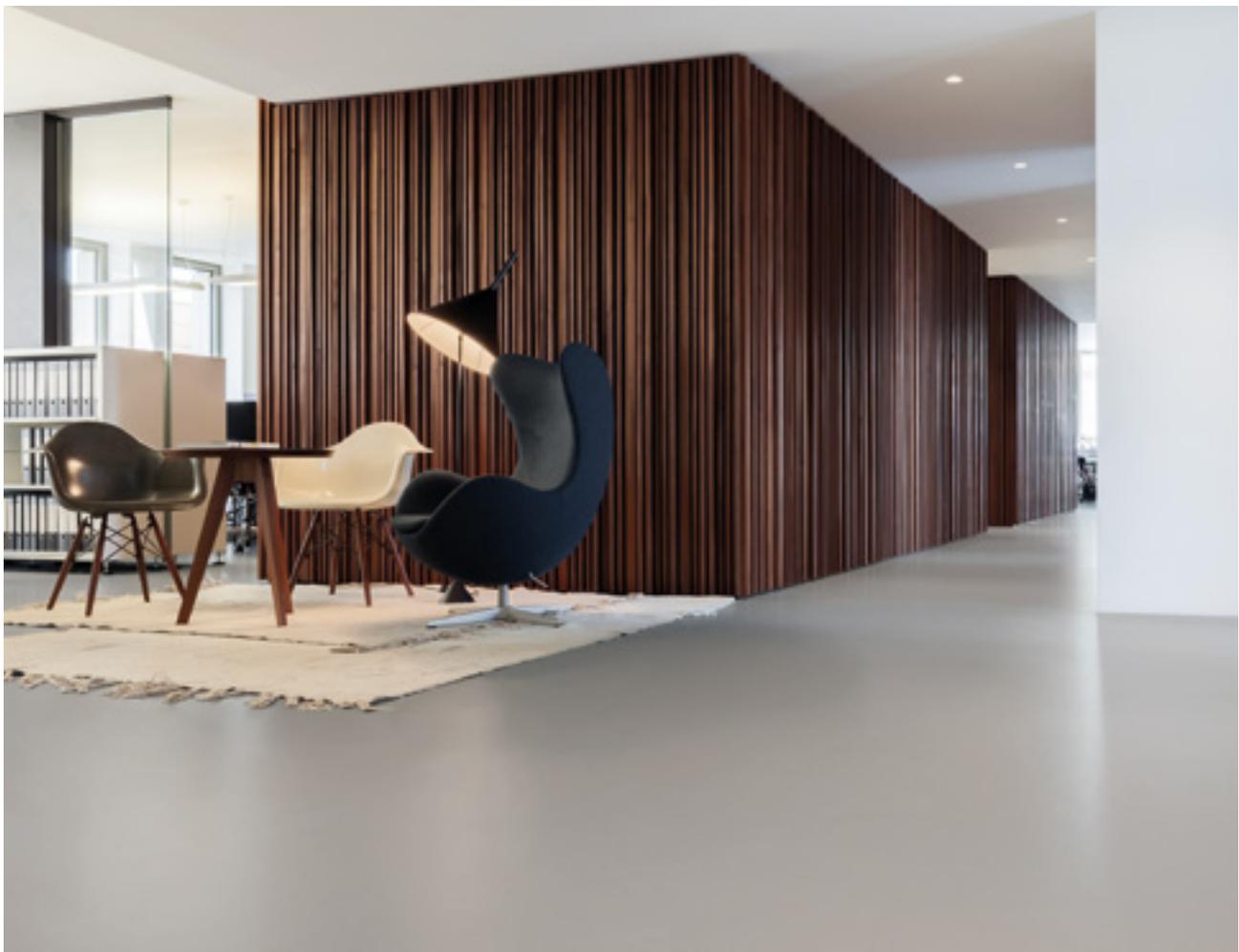
 ~610 mm x 610 mm

15  = 5.58 m<sup>2</sup> in one carton

 ~2.0 mm

nora® profile connection dimension: A + U

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**





# noraplan® unita

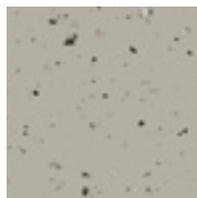
A perfect combination of permanently resilient rubber and randomly dispersed granite chips. The fine scatter of chips in noraplan® unita lends it a discreet appearance. The design is deliberately purist and simple.



reddot design award  
winner 2012



7101



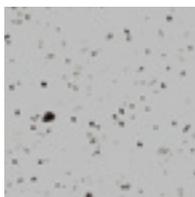
7102



7103



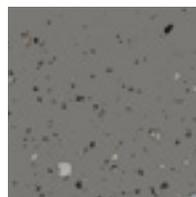
7104



7105



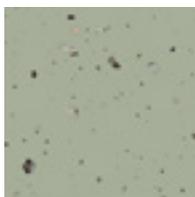
7106



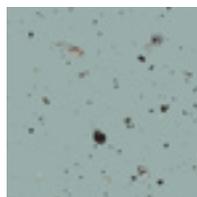
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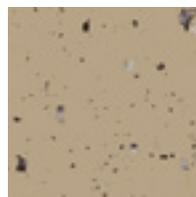
7108



7109



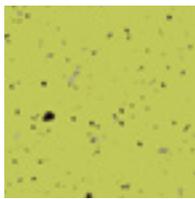
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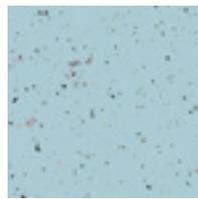
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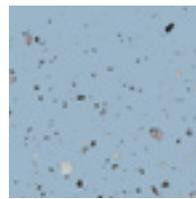
7112



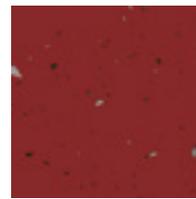
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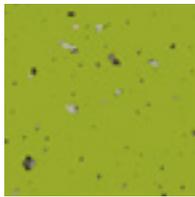
7114



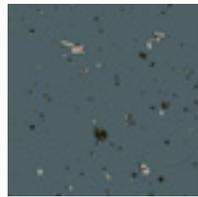
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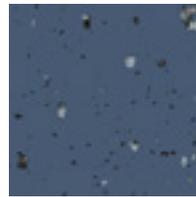
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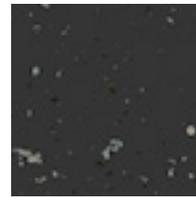
7117



7118



7119



7120

**noraplan® unita**

 20

Art. 1640

 ~1.22 m x 15.0 m

  $\pm$  ~2.0 mm

nora® profile connection dimension: A + U

 Also available as noraplan® unita nTx, page 78

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**

Please note: Granite is a natural product. For this reason, slight colour deviations may occur in the stone even within the same batch.



Educational campus Berresgasse, Vienna, Austria

© Lukas Schaller



# noraplan® eco

Design with large, contrasting granules with a smooth surface.



6620



6621



6622



6623



6624



6625



6626



6627



6628



6629



6630



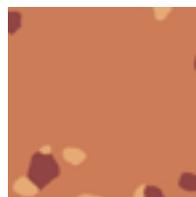
6631



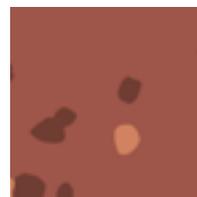
6632



6633



6634



6635

## noraplan® eco

 16

Art. 1490

 ~1.22 m x 15.0 m

Art. 2490

 ~610 mm x 610 mm
15  = 5.58 m<sup>2</sup> in one carton
 ~2.0 mm

nora® profile connection dimension: A + U

 Also available as noraplan® eco nTx, page 78

**Additional information on nora® nTx can also be found at [ntx.nora.com](http://ntx.nora.com).**

**Special colours are available on request.**

**Please ask for minimum quantities and delivery times.**

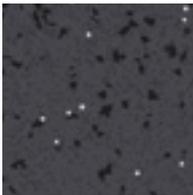


Laoshan School, Qingdao, China

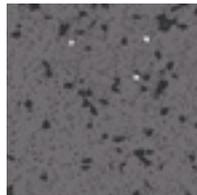


# noraplan® ultra grip

Safety floor covering with increased slip resistance, TRRL Pendulum Test 36+ in the wet and RZ value 20.1. Slip resistance R11 according to DIN 51130 and BGR 181 or GUV-R 181.



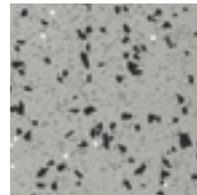
6014



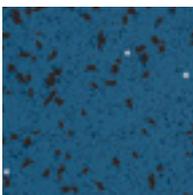
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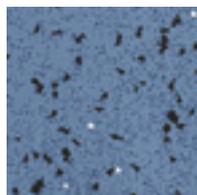
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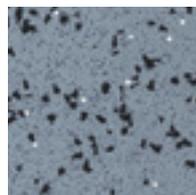
6017



6018



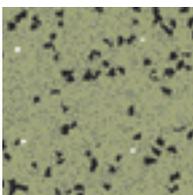
6019



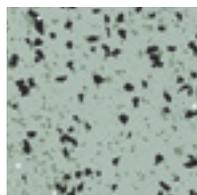
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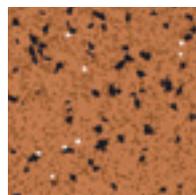
6021



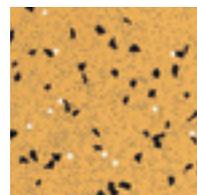
6023



6024



6027



6029

**noraplan® ultra grip**

Design with discretely dispersed granite chips

12

Art. 1569

~1.20 m x 15.0 m

~2.0 mm

nora® profile connection dimension: A + U

Resists most oils and greases

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**



Bristol Southmead Hospital Learning & Research, UK

© Tom de Gay & Nick Kane

# nora® special floorings

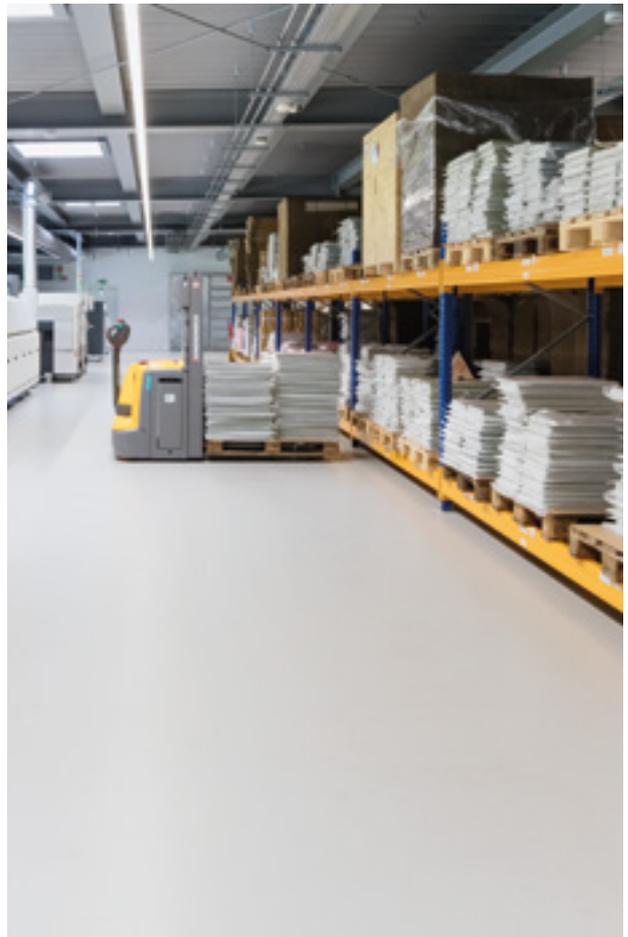
We have developed our special floorings for areas subject to special technical standards and requirements. These include e.g. acoustic coverings with an impact sound improvement index of 20 dB, electrostatically dissipative or conductive qualities, or highly specialised solutions for ice rinks, golf facilities, and many more. With noracare® we also offer a special sheet flooring for areas with extraordinary demands on hygienic cleaning and maintenance as well as stain and chemical resistance. Get to know the range of designs and variants on the following pages.





Hospital Aichach, Germany

© Werner Huthmacher



Seitec Elektronik GmbH, Elsteraue, Germany

© Dirk Wilhelmy



Agilent Technologies Deutschland GmbH & Co. KG, Waldbronn, Germany  
© Atelier Dirk Altenkirch



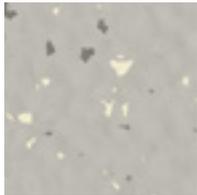
Ries Apotheken, Nördlingen, Germany

© Oliver Heinemann

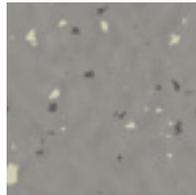
# norament® 975 LL

Removable floor covering that can be quickly installed with the help of a an appropriate tackifier. Once fitted it can be used immediately. Particularly suitable for raised access panels, existing old floor coverings and for temporary installations.

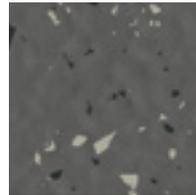
**norament® 975 LL** · grano design  
Hammerblow surface



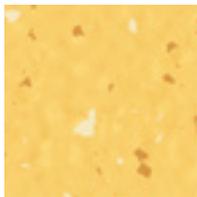
5302



5303



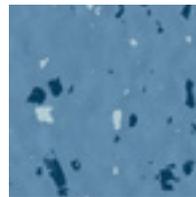
5304



5329



5314



5318

**norament® 975 LL**



Art. 975 LL/1880

□ ~1000 mm x 1000 mm



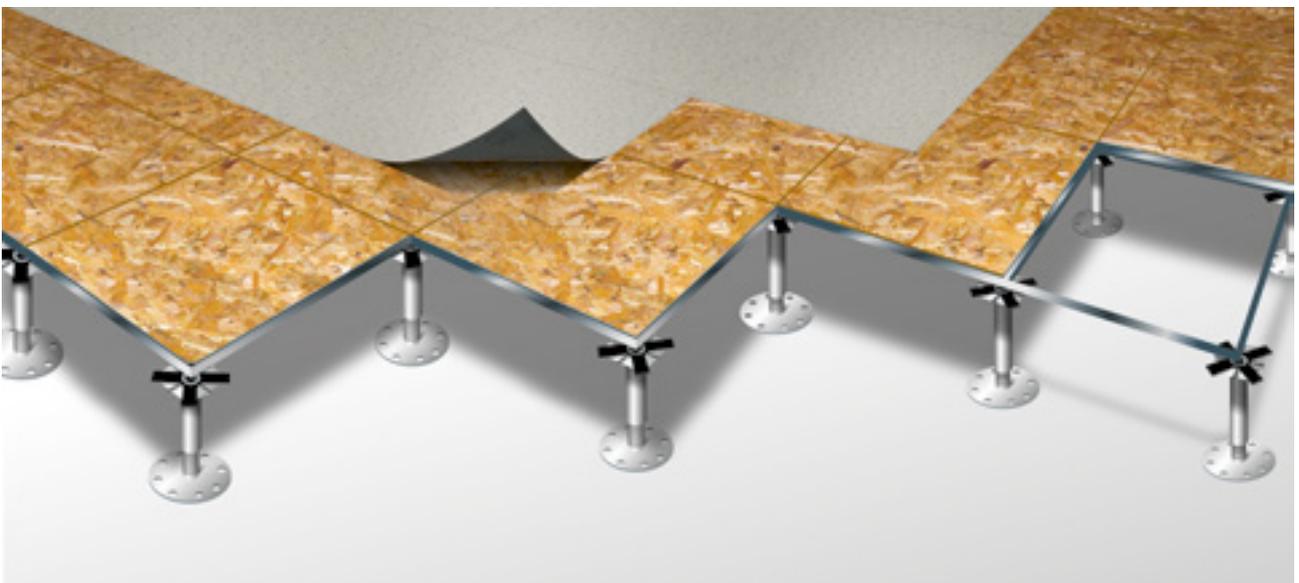
nora® profile connection dimension: E + U

**Special colours are available on request.  
Please ask for minimum quantities and  
delivery times.**

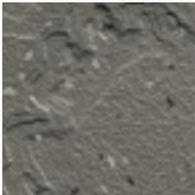
Please note: norament® 975 LL is not suitable for installation

- in areas with a high or regular exposure to moisture (e.g. entrance area)
- in areas with high or frequently occurring dynamic pressure loads
- in areas with high temperature fluctuations, e.g. in case of direct, long-term exposure to sunlight

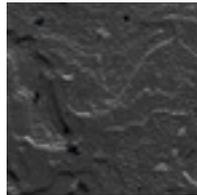
The differences between the design of norament® 975 LL and the standard product norament® 926 grano are production-related. Please request individual colour samples of the required norament® product.



**norament® 975 LL** · serra design  
Relief structure



4930



4929

**norament® 975 LL**



Art. 975 LL/3042

□ ~1000 mm x 500 mm



nora® profile connection dimension: E + U

Please note: We supply tiles with chamfered edges on request (Art. 3043).

**Special colours are available on request.  
Please ask for minimum quantities and  
delivery times.**



# norament® 992/992 grano

For areas with extreme requirements (e.g. ice rinks, golf clubs, animal stables, etc.).

## norament® 992 · round pastille



0702



0319



2079



0882



6172



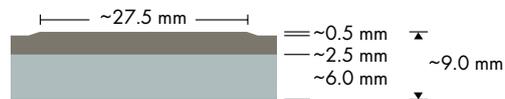
0866

### norament® 992



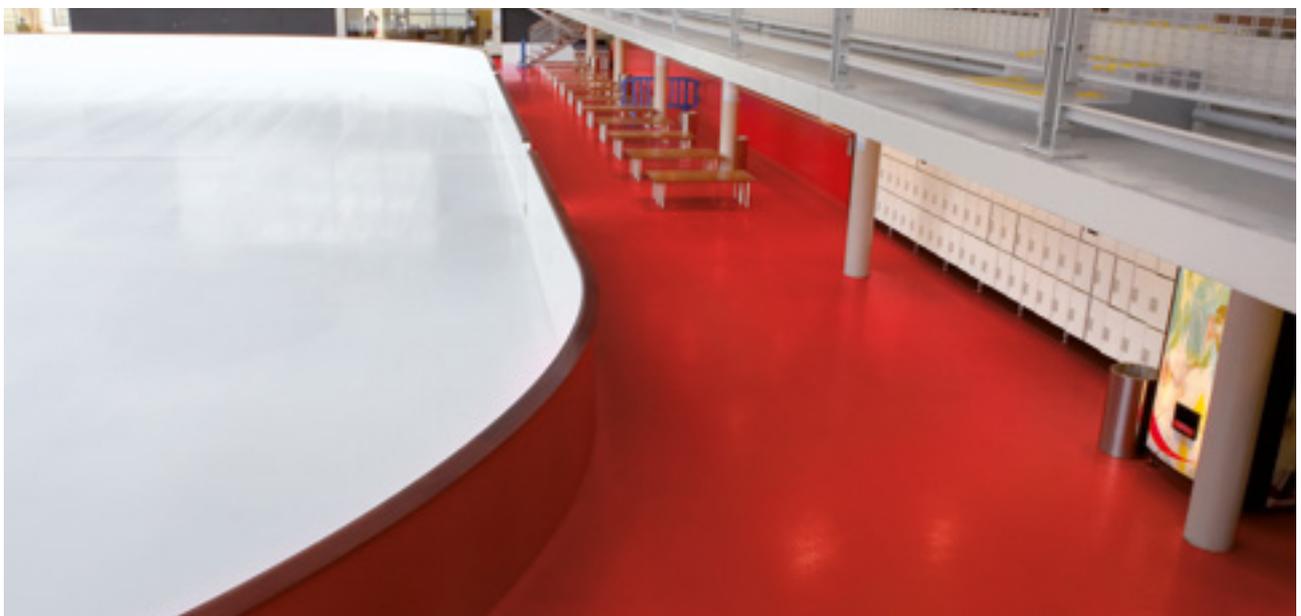
Art. 992/1956

□ ~1002 mm x 1002 mm

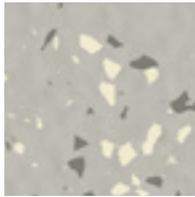


nora® profile connection dimension: N

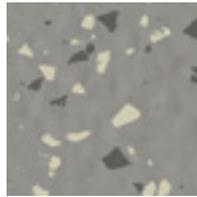
**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**



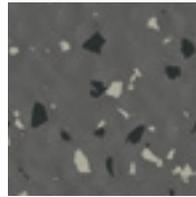
**norament® 992 grano** · hammerblow surface



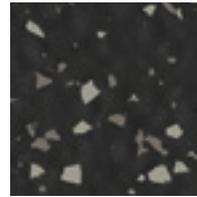
5302



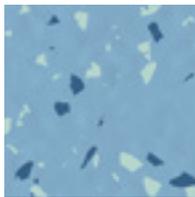
5303



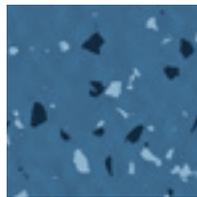
5304



5308



5317



5319

**norament® 992 grano**



Art. 992 grano/1955

□ ~1002 mm x 1002 mm



~3.0 mm  
~6.0 mm  
~9.0 mm

nora® profile connection dimension: N

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**

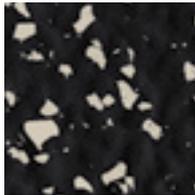


# norament® and noraplan® ec ⚡



Electrostatically conductive “ec” floorings for optimum ESD protection of electronic devices and equipment. Suitable for areas with a risk of explosions and fork-lift-truck areas (norament® 927 grano ec). Largely resistant to acids and alkalis (norament® 927 grano ec).

## norament® 927 grano ec



4617

### norament® 927 grano ec



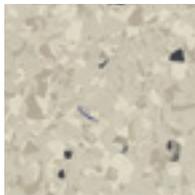
Art. 927 grano ec/1880

□ ~1004 mm x 1004 mm

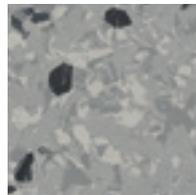


nora® profile connection dimension: E + U

## noraplan® astro ec



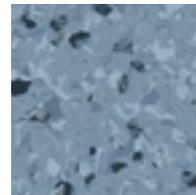
6102



6007



6114



6056

### noraplan® astro ec



Art. 166C

⊞ ~1.22 m x 1.20 m

Art. 266C

□ ~610 mm x 610 mm

15 □ = 5.58 m<sup>2</sup> in one carton



± ~2.0 mm

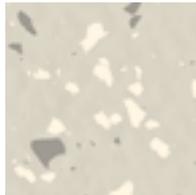
nora® profile connection dimension: A + U

# norament® ed ⚡

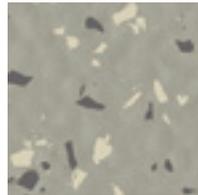


Electrostatically dissipative “ed” floorings for optimum ESD protection of electronic devices and equipment. Protect against electrical shock, resist most oils and greases and are suitable for forklift truck areas.

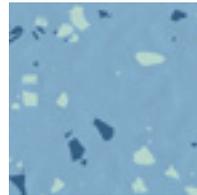
## norament® 928 grano ed



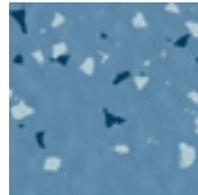
5301



5306



5317



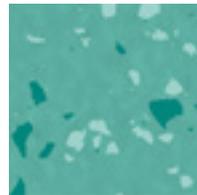
5318



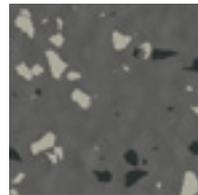
5329



5325



5321



5304

### norament® 928 grano ed



Art. 928 grano ed/1880  
 □ ~1002 mm x 1002 mm



nora® profile connection dimension: E + U

### norament® 928 grano ed



Art. 928 grano ed/1911  
 □ ~610 mm x 610 mm



nora® profile connection dimension: E + U

**Special colours are available on request.  
 Please ask for minimum quantities and delivery times.**

# noraplan® ed ⚡

Electrostatically dissipative “ed” floorings for optimum ESD protection of electronic devices and equipment. Protect against electrical shock, resist most oils and greases.



## noraplan® sentica ed



6520



6521



6522



6523



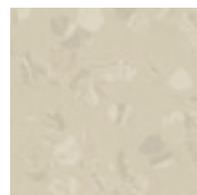
6508



6509



6504



6505



6517



6513



6529



6530

### noraplan® sentica ed



Art. 1702

~1.22 m x 15.0 m

Art. 2702

~610 mm x 610 mm

15 □ = 5.58 m<sup>2</sup> in one carton



nora® profile connection dimension: A + U

### noraplan® sentica ed



Art. 1703

~1.22 m x 12.0 m



nora® profile connection dimension: D + U

Please note: The colours 6504, 6505 and 6508 are only recommended for areas with a low incidence of stains and dirt (e.g. **not** for OP theatres or intensively frequented areas).

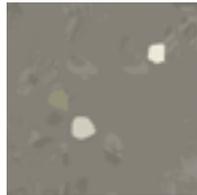
Please note: noraplan® ed floorings must be sealed with nora® joint-sealing compound.

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**

## noraplan® signa ed



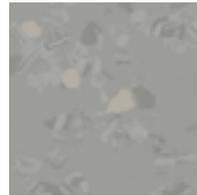
7031



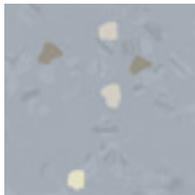
7033



7035



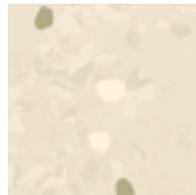
7036



7044



7045



7051



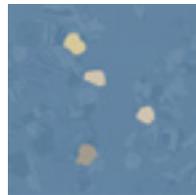
7052



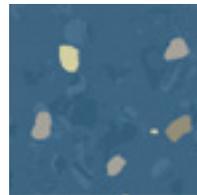
7055



7056



7065



7066



7067



7076

### noraplan® signa ed



Art. 1390  
 ~1.22 m x 15.0 m

Art. 2390  
 ~610 mm x 610 mm  
 15  = 5.58 m<sup>2</sup> in one carton



nora® profile connection dimension: A + U

Please note: noraplan® ed floorings must be sealed with nora® joint-sealing compound.

### noraplan® signa ed



Art. 1523  
 ~1.22 m x 12.0 m



nora® profile connection dimension: D + U

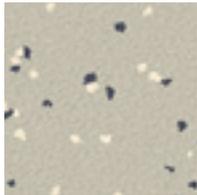
**Special colours are available on request.  
 Please ask for minimum quantities and delivery times.**

# noraplan® ed ⚡

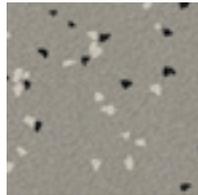
Electrostatically dissipative “ed” floorings for optimum ESD protection of electronic devices and equipment. Protect against electrical shock, resist most oils and greases.



## noraplan® stone ed · reflection-breaking surface



6601



1146



2306



6603

### noraplan® stone ed



Art. 129

~1.22 m x 1.5.0 m

Art. 229

~610 mm x 610 mm

15 □ = 5.58 m<sup>2</sup> in one carton

~2.0 mm

nora® profile connection dimension: A + U

Please note: noraplan® ed floorings must be sealed with nora® joint-sealing compound.

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**



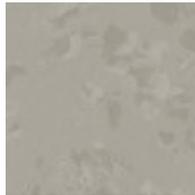
# noraplan® acoustic

For high footfall sound absorption with a footfall sound absorption improvement of 20 dB.

## noraplan® sentica acoustic



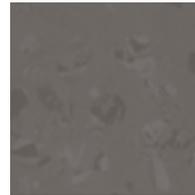
6524



6520



6521



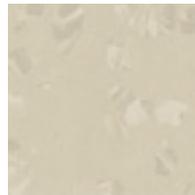
6522



6508



6513



6505



6510



6516



6517



6530



6531

### noraplan® sentica acoustic



Art. 1705

~1.22 m x 12.0 m



nora® profile connection dimension: F + U

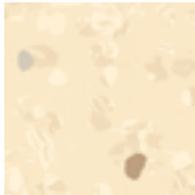
Please note: noraplan® acoustic floorings must be sealed with nora® hot welding rod.

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**

# noraplan® acoustic

For high footfall sound absorption with a footfall sound absorption improvement of 20 dB.

## noraplan® signa acoustic



7055



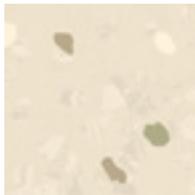
7056



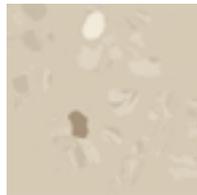
7032



7033



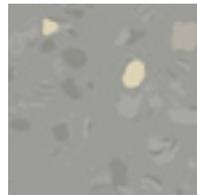
7051



7052



7035



7036



7071



7072



7067



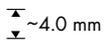
7065

### noraplan® signa acoustic

 12

Art. 1420

 ~1.22 m x 12.0 m

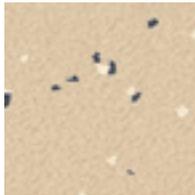
 ~1.6 mm     ~4.0 mm  
~2.4 mm

nora® profile connection dimension: F + U

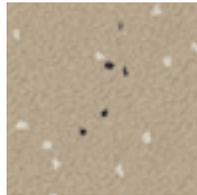
Please note: noraplan® acoustic floorings must be sealed with nora® hot welding rod.

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**

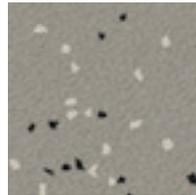
**noraplan® stone acoustic** · reflection-breaking surface



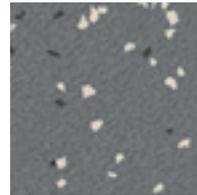
6613



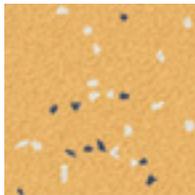
6610



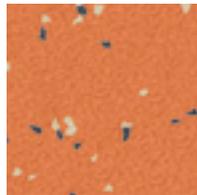
1146



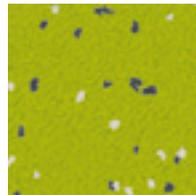
1862



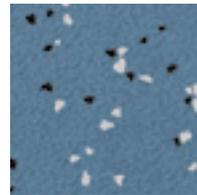
6614



6615



6607



1279

**noraplan® stone acoustic**



Art. 148

~1.22 m x 12.0 m



nora® profile connection dimension: F + U

Please note: noraplan® acoustic floorings must be sealed with nora® hot welding rod.

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**



# noracare®

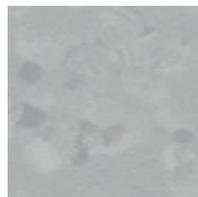
Special sheet flooring for areas with extraordinary demands on hygienic cleaning and maintenance as well as stain and chemical resistance.

## noracare® seneo

Single-coloured design with iridescent marbled colour granules, which are harmoniously matched to the base colour with minimal contrast. Close up, the 24 colours of the noracare® seneo colour palette create a perceptible pattern, while from a distance they appear almost uni-coloured.



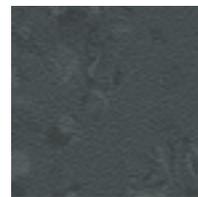
7201



7202



7203



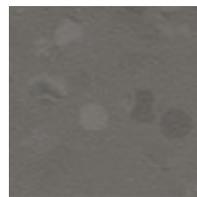
7204



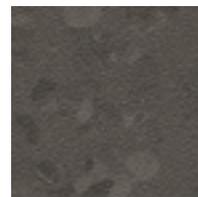
7205



7206



7207



7208



7209



7210



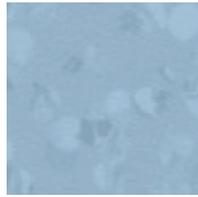
7211



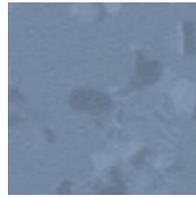
7212



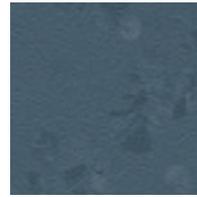
7213



7214



7215



7216



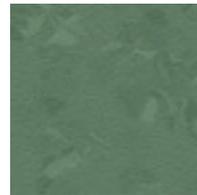
7217



7218



7219



7220



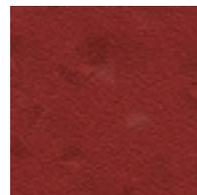
7221



7222



7223



7224

**noracare® seneo**



**Art. 133E**

~1.22 m x 1.50 m



nora® profile connection dimension: A + U

Please note: noracare® floorings must be sealed with nora® joint-sealing compound or nora® hot welding rod.

Further details can be found in the noracare® installation recommendation.

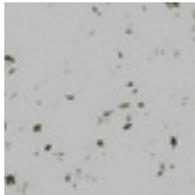
**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**



# noracare®

## noracare® uneo

Interesting material combination of rubber and randomly scattered granite splinters, with a smooth surface. The harmoniously coordinated colour palette of noracare® uneo lends your rooms an unmistakable character.



7001



7002



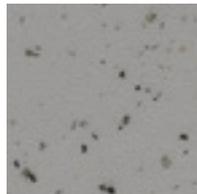
7003



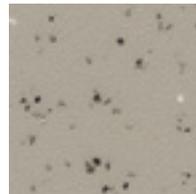
7004



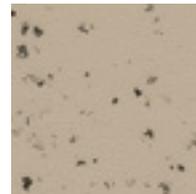
7005



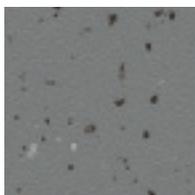
7006



7007



7008



7009



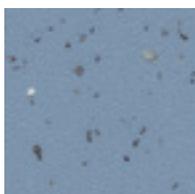
7010



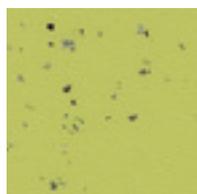
7011



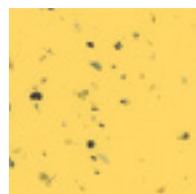
7012



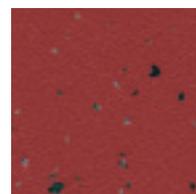
7013



7014



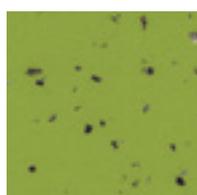
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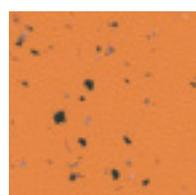
7016



7017



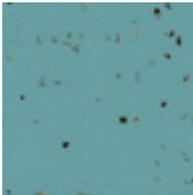
7018



7019



7020



7021

**noracare® uneo**

21

**Art. 140D**

~1.22 m x 15.0 m

~2.0 mm

nora® profile connection dimension: A + U

Please note: noracare® floorings must be sealed with nora® joint-sealing compound or nora® hot welding rod.

Further details can be found in the noracare® installation recommendation.

**Special colours are available on request.  
Please ask for minimum quantities and delivery times.**

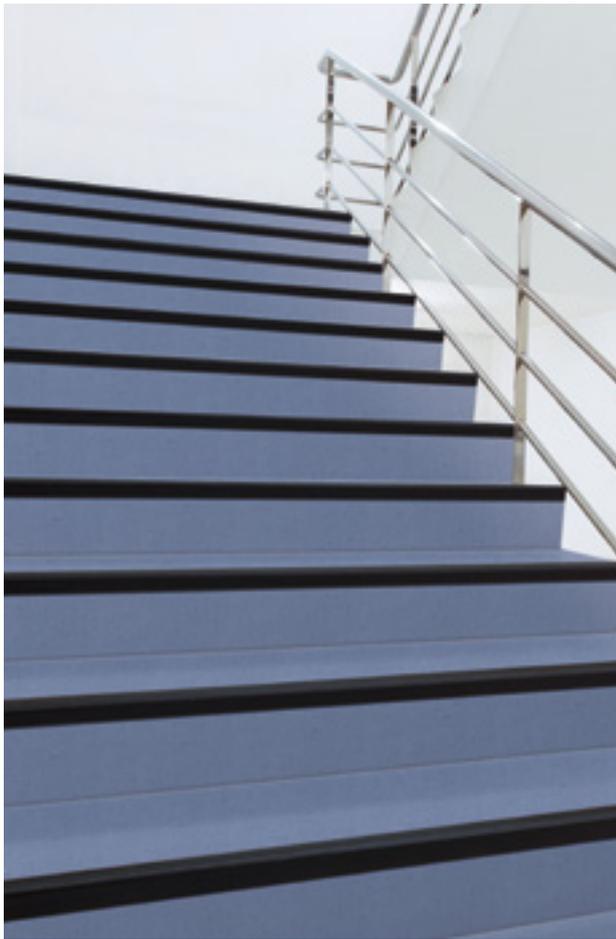


# nora® stairwell solutions

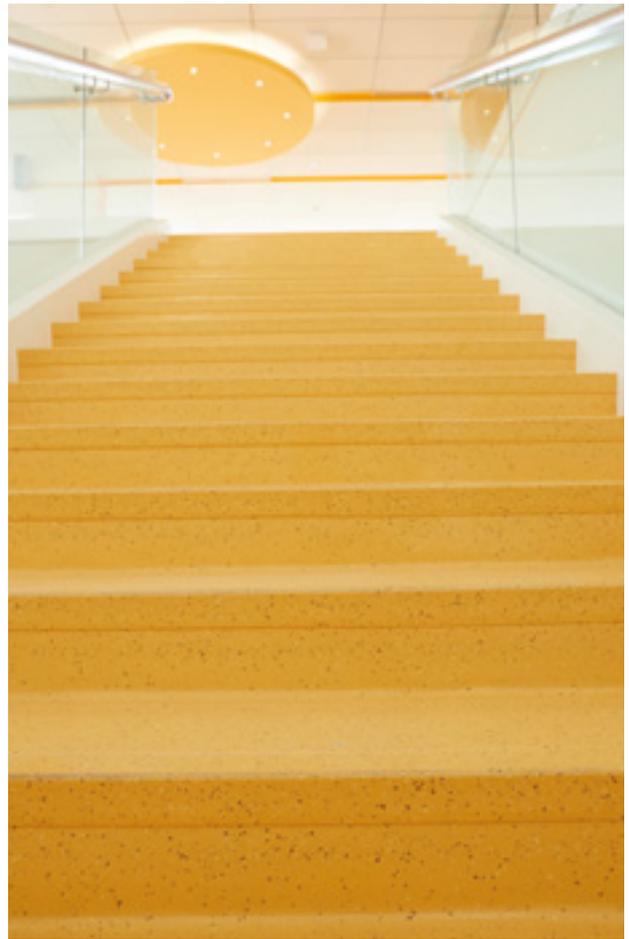
Individual requirements for stairwells are best fulfilled by our extensive system programme, from the tailored norament® stairtread with integrated pre-shaped stair nosing, riser, and tread to individual combinations of stair angles, stair nosings, and integrated safety stripes.

Our system range is rounded off with colour-matched skirting solutions, joint-sealing compounds, hot welding rods, and installation materials.





© nora systems



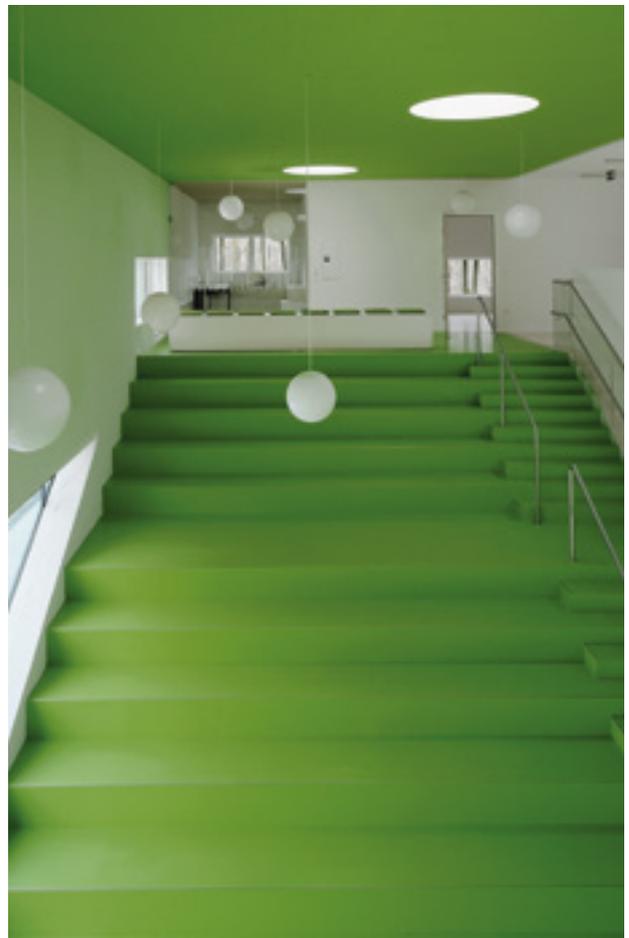
ECNU affiliated bilingual school, Shanghai, China

© nora systems



TU MAIN Chemnitz, Germany

© Werner Huthmacher



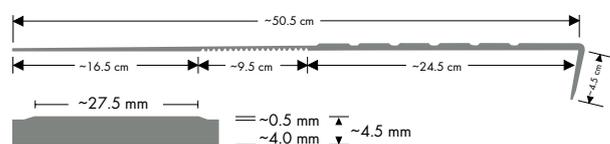
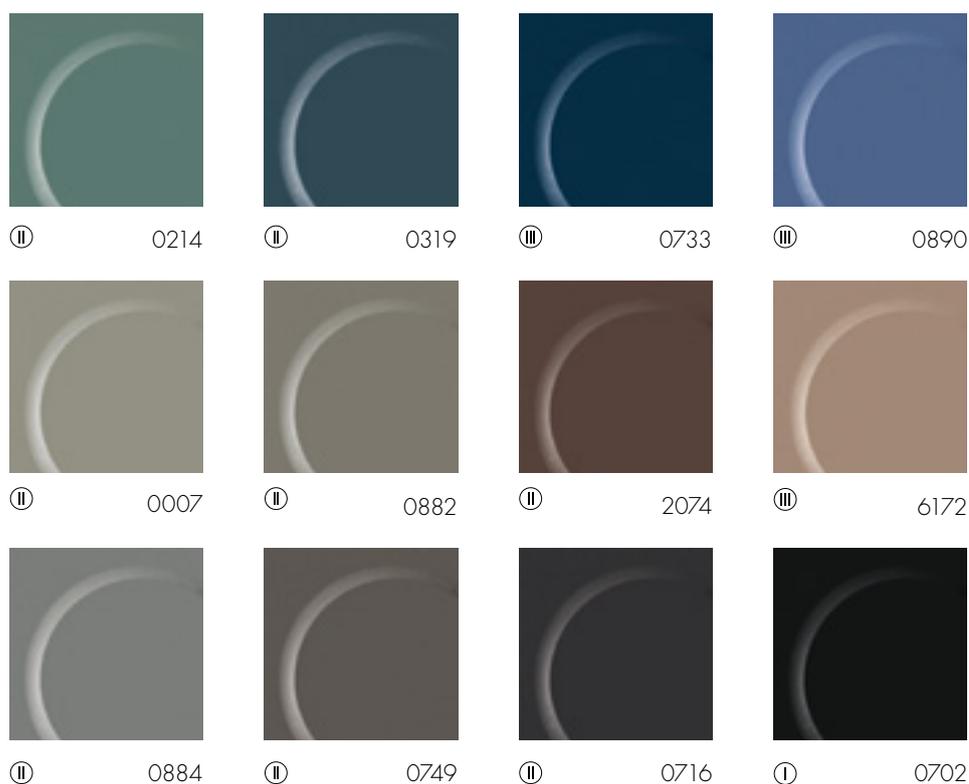
Kindergarten Sighartstein, Neumarkt am Wallersee, Austria © Angelo Kaunat

# norament® stairtreads

Pre-shaped stair coverings consisting of stair nosing, riser and tread all in one piece for straight steps with right-angled edge. For extremely heavy traffic stairwell areas.

## Stairtread norament® 926

One-coloured with classic round pastille, footfall sound absorption improvement of 12 dB.



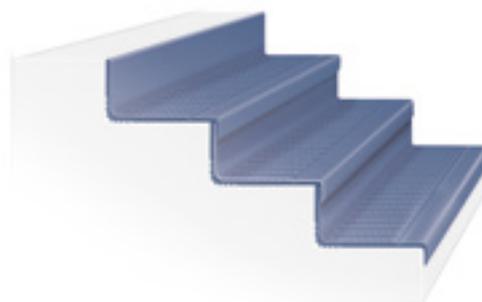
### Stairtread norament® 926

12

Art. 926/465 - width 1 285 mm

Art. 926/466 - width 1 614 mm

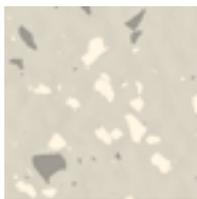
Art. 926/467 - width 2 004 mm



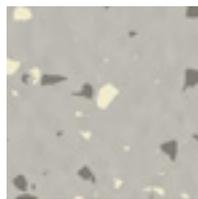
○ = Price category

## Stairtread norament® 926 grano

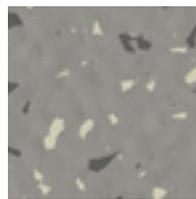
Granular design rich in contrast with a hammerblow surface, footfall sound absorption improvement of 12 dB.



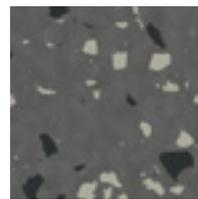
5301



5302



5303



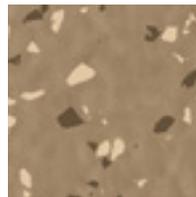
5304



5313



5314



5315



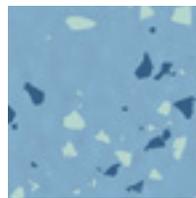
5308



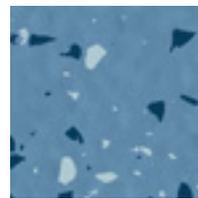
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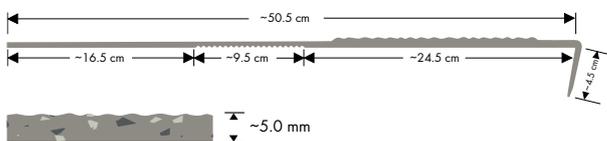
5325



5317



5318



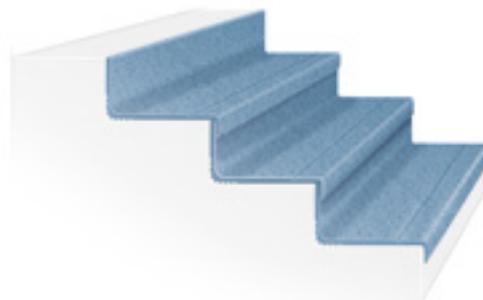
### Stairtread norament® 926 grano

12

Art. 926 grano/479 - width 1 285 mm

Art. 926 grano/468 - width 1 614 mm

Art. 926 grano/469 - width 2 004 mm

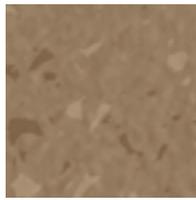


### Stairtread norament® 926 satura

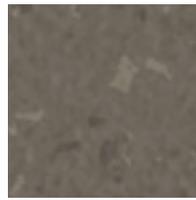
Tone-in-tone granular design with a hammerblow surface, footfall sound absorption improvement of 12 dB.



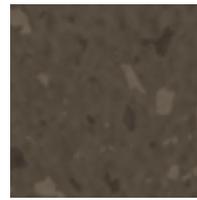
5102



5103



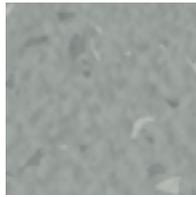
5107



5108



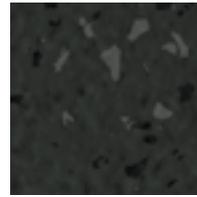
5110



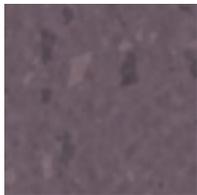
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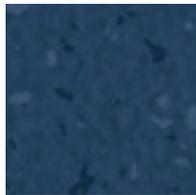
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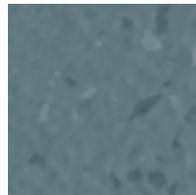
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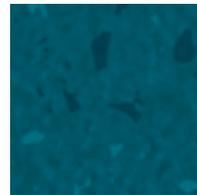
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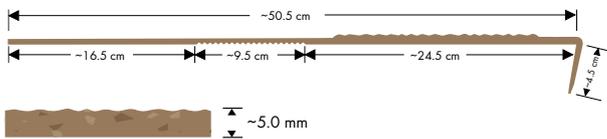
5121



5127



5129



#### Stairtread norament® 926 satura

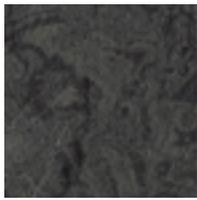
12

- Art. 926 satura/479 - width 1 285 mm
- Art. 926 satura/468 - width 1 614 mm
- Art. 926 satura/469 - width 2 004 mm



## Stairtread norament® 926 arago

Flat, direction-oriented relief structure with fine grain design and modern marbling, footfall sound absorption improvement of 12 dB.



5171



5172



5175



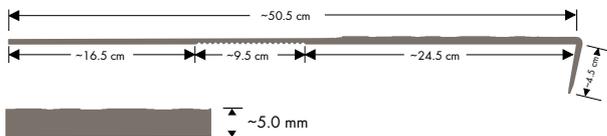
5177



5178



5179



### Stairtread norament® 926 arago



- Art. 926 arago/3170 - width 1 285 mm
- Art. 926 arago/3171 - width 1 614 mm
- Art. 926 arago/3172 - width 2 004 mm

Variations in colour and design, even within one production batch, define the product's aesthetic character.

**Available from March 2021.**



# norament® stairtreads with signal or safety stripes

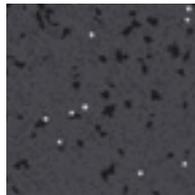
norament® stairtreads can be additionally equipped with the following signal or safety stripes:



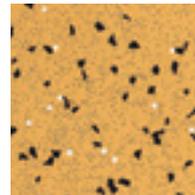
0122



0895



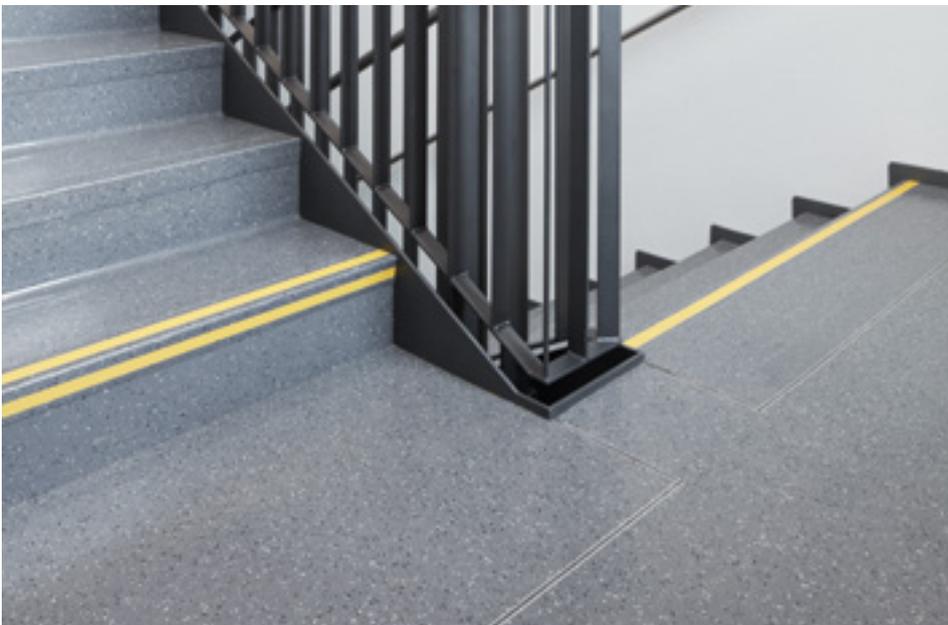
6014



6029

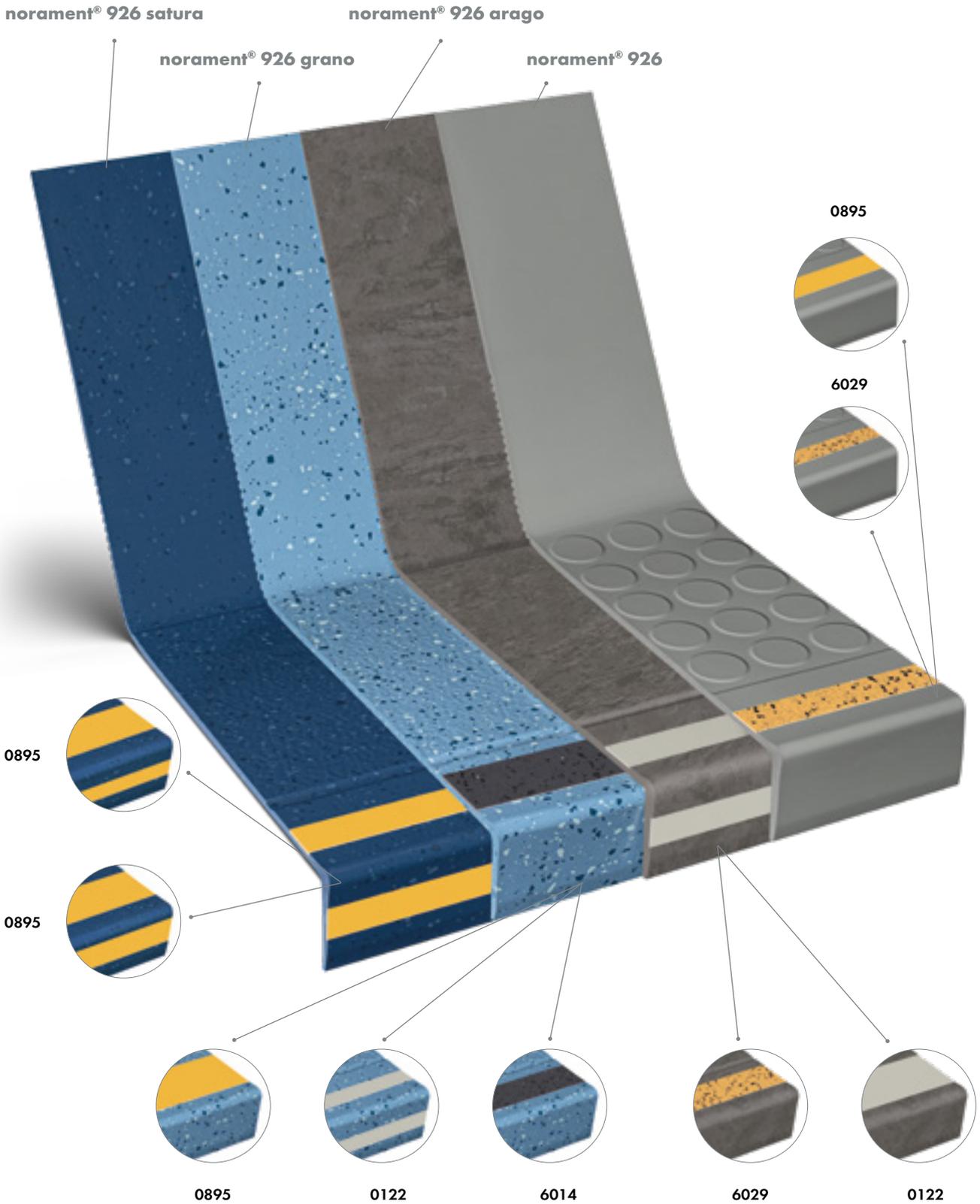
- Signal stripes, yellow, phosphorescent in accordance with DIN 67510, in a width of 2 cm, integrated into the tread area of the stair nosing.
- Signal stripes uni, in widths of 2, 3, 4 or 5 cm (5 cm only available for stairtread norament® 926 arago or for stairtreads with hammerblow surface) in the colours 0122, light grey, and 0895, signal yellow, integrated into the tread area and alternatively also in widths of 2 or 3 cm in the vertical part of the stair nosing.
- Safety stripes ultra grip for increased slip resistance in widths of 2, 3, 4 or 5 cm (5 cm only available for stairtread norament® 926 arago or for stairtreads with hammerblow surface) in the colours 6029, yellow, and 6014, grey, integrated into the tread area and alternatively in widths of 2 or 3 cm also in the vertical part of the stair nosing.

Signal and safety stripes in other widths and colours are available on request.  
Please ask for minimum quantities and delivery times.



# Most frequently used stripe combinations

Further options are available.



# nora® stair accessories

Accessory range made of rubber matched to suit norament® and noraplan® floor coverings. Can also be used in combination with other types of flooring. nora® profiles are impact and shock-resistant, do not shrink, do not contain any phthalate plasticizers and retain their functional reliability for years.

## nora® stair nosings

With plug-in lip for quick and easy installation on all types of staircases.

**1 T 5049** **2 T 5044**



Minimum order quantity: 5 r.m.

Standard length: 2.5 r.m.

Delivery in 5 fixed lengths possible:  
1.00/1.25/1.65/2.0/2.50 r.m.

**3 TA 1203**

Aluminium stair nosing for stairs made from norament® coverings

Delivery unit: 2.7 r.m.

0702	0749	5301	5310
0716	0884	5305	6179

## nora® stair angles

For the smooth finishing of right-angled stairs to the wall and banister side.

**4 TW 7005 U** **5 TW 7006 U**

**6 TG 7003 U** **7 TG 7004 U**



Delivery unit: pieces

0007	0733	2074	5110	5121	5303	5315	5329
0214	0749	2786	5114	5127	5304	5317	6172
0319	0882	5103	5115	5129	5313	5318	6507
0702	0884	5107	5116	5301	5314	5325	6522
0716	0890	5108	5118	5302			

## nora® skirting and stringer profile

**8 S 1008 U**



Multi-purpose skirting

Delivery unit: rolls of 10 r.m.

Connection profile for nora® stair angles "TW"

**9 A 5013 U**



For landings and ramps

Delivery unit: in units of 2.5 r.m.

Connection profile for nora® stair angles "TG"

## nora® stair margin

**10**



For wall and banister side. Hammerblow surface with granular design.

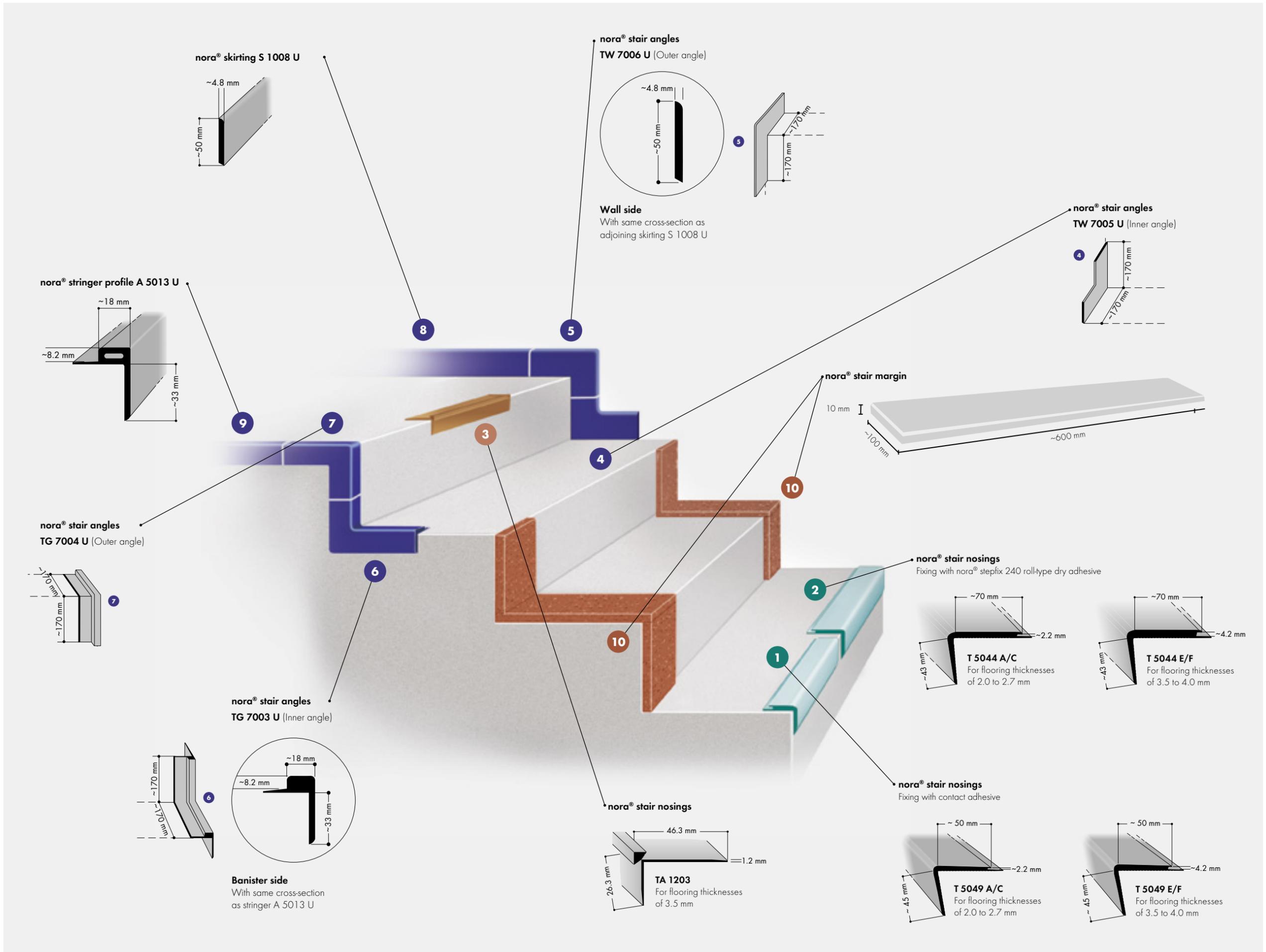
Art. 819

~600 mm x 100 mm

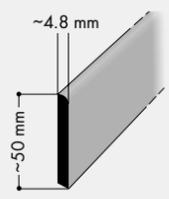
Thickness 10 mm

Supplied as: pieces

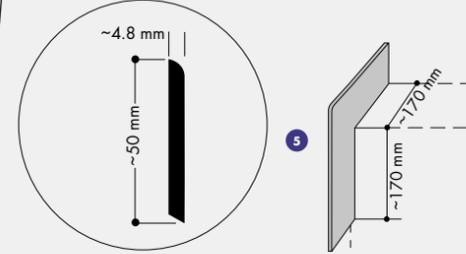
5304	5315
------	------



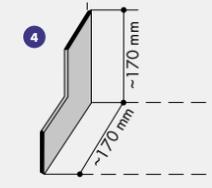
nora® skirting S 1008 U



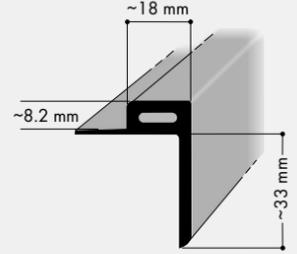
nora® stair angles TW 7006 U (Outer angle)



nora® stair angles TW 7005 U (Inner angle)



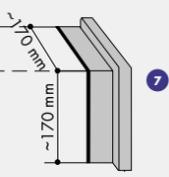
nora® stringer profile A 5013 U



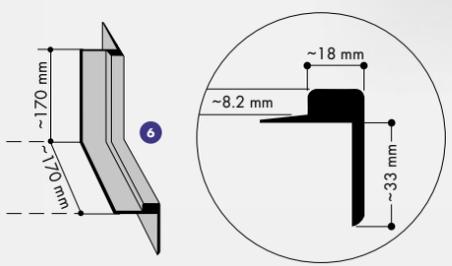
nora® stair margin



nora® stair angles TG 7004 U (Outer angle)

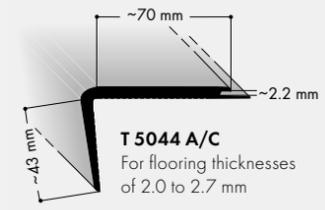


nora® stair angles TG 7003 U (Inner angle)



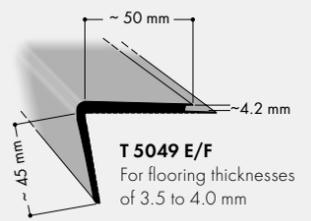
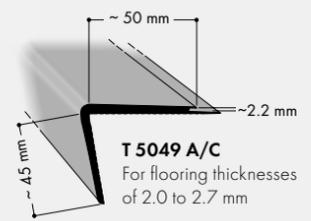
nora® stair nosings

Fixing with nora® stepfix 240 roll-type dry adhesive



nora® stair nosings

Fixing with contact adhesive



nora® stair nosings



## nora® stepfix 240

Special roll-type dry adhesive

For quick installation of norament® stairtreads, stairwell installations with nora® stair nosing T 5044 and nora® stair margin.

The cost and eco-conscious adhesive innovation. Suitable for new buildings and renovation projects. Advantages: 3-5 times as quick, odourless, can be walked on immediately, economical, eco-compatible and reliable thanks to excellent bonding performance.

**Art. 907**

Delivery unit: 1 roll of 50 r.m. in one carton

## nora® special range for stairwell areas

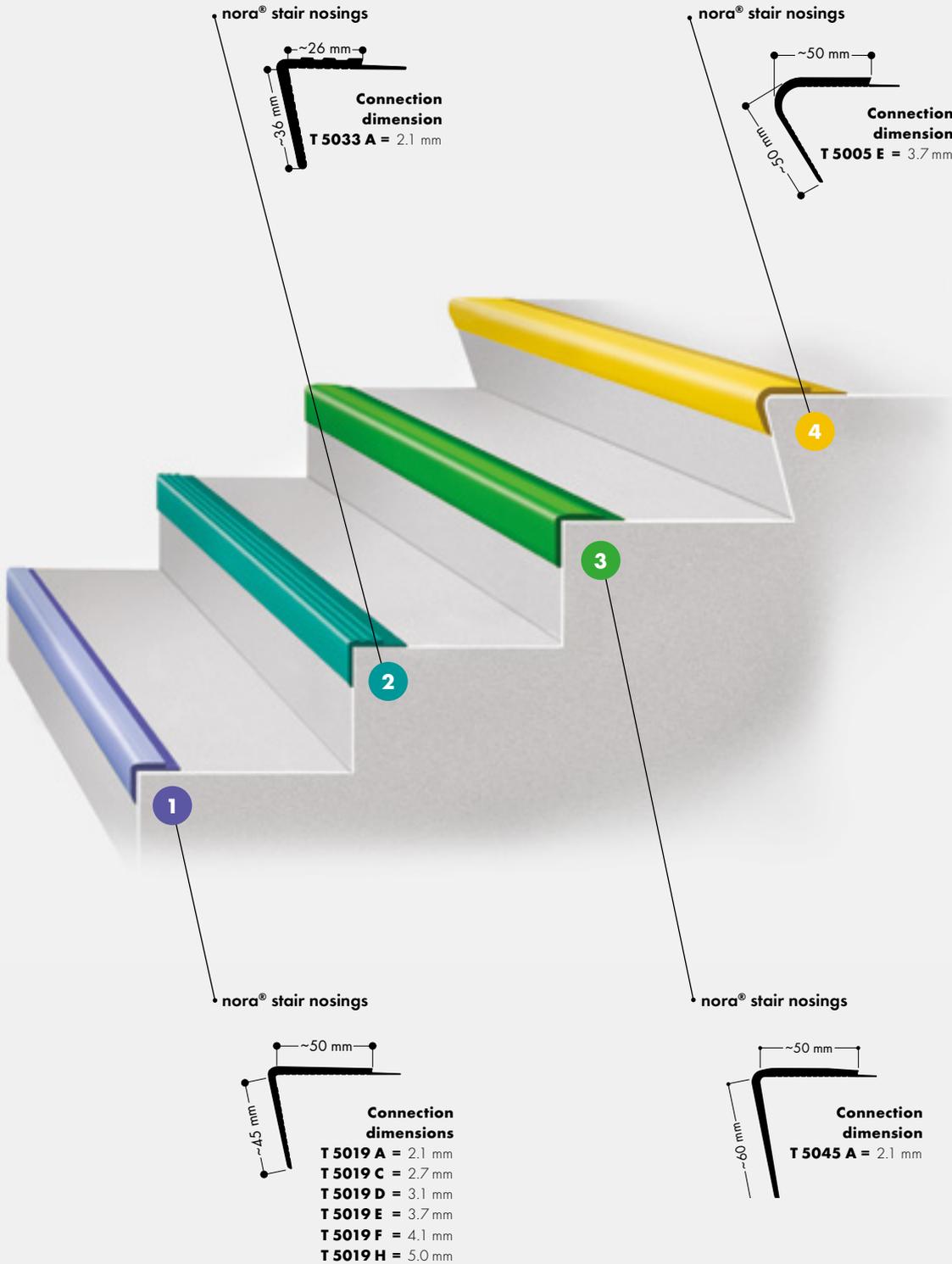
The special range offers profiles with different cross-sections for further applications. The profiles shown here are examples only. Further individual designs are available on request. Delivery units and minimum order quantities on request.

## nora® stair nosings

**T 5019/T 5033/T 5045/T 5005**



# nora® special range



# nora® nTx

## The new generation flooring system

nora® nTx is a new and unique technology for professional installers to lay nora® rubber flooring systems. Because the powerful adhesive is factory-fitted, nora® nTx is as simple as it is ingenious. In a few simple steps, the flooring can be cleanly and safely installed and used immediately. It can be laid on all common concrete or cement screed surfaces, as well as directly on top of existing floorings. Even high levels of residual moisture in the screed are no problem for nora® nTx.

nora also offers a range of tools and installation material to ensure clean and safe substrate preparation (see page 80).

## The advantages at a glance:



### Reliable installation result

nora® nTx reduces installation problems: no bubbles, no residual indentations, no seams. Everything from a single source: 10-year-warranty.



### Immediate usability

Avoid drying and waiting times. Installation is possible during ongoing operations, and the floor can be used immediately after installation.



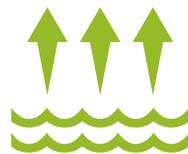
### High efficiency

The preparation of the floor and the installation of nora® nTx require only a few work steps – for more space in less time.



### For all types of subfloors

nora® nTx is suitable for all common types of subfloors – ideal also for problematic subfloors and underfloor heating.



### Use with residual moisture

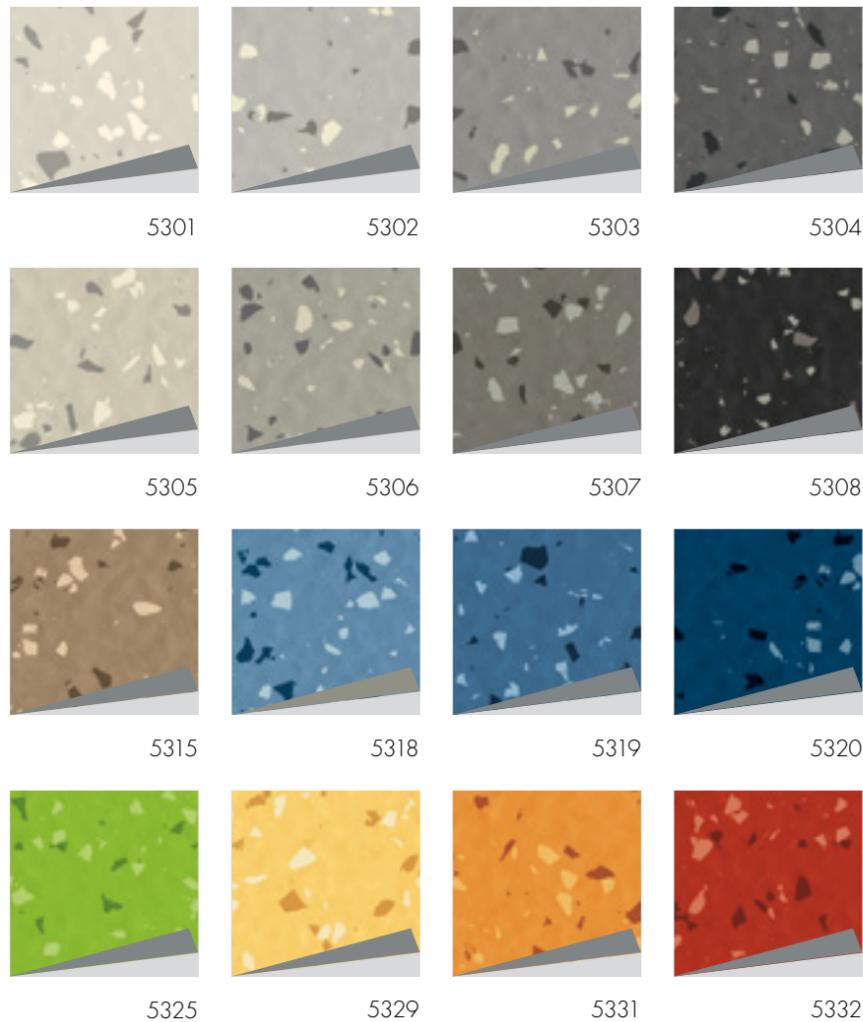
Application in new buildings also possible with increased residual moisture in the subfloor.



### Covering-over-covering installation

In the case of renovations, installation is possible directly over existing floor coverings in just a few steps.

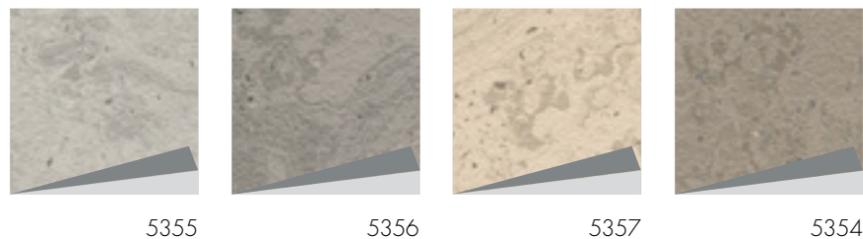
**norament® 926 grano nTx** · hammerblow surface



**norament® 926 grano nTx**

Art. 3111  
 □ ~1004 mm x 1004 mm  
 ~3.6 mm  
 nora® profile connection dimension: E + U / Slip resistant R9

**norament® 926 castello nTx** · two-tone surface



**norament® 926 castello nTx**

Art. 3177  
 □ ~1004 mm x 1004 mm  
 ~3.6 mm  
 nora® profile connection dimension: E + U

cubic-structure

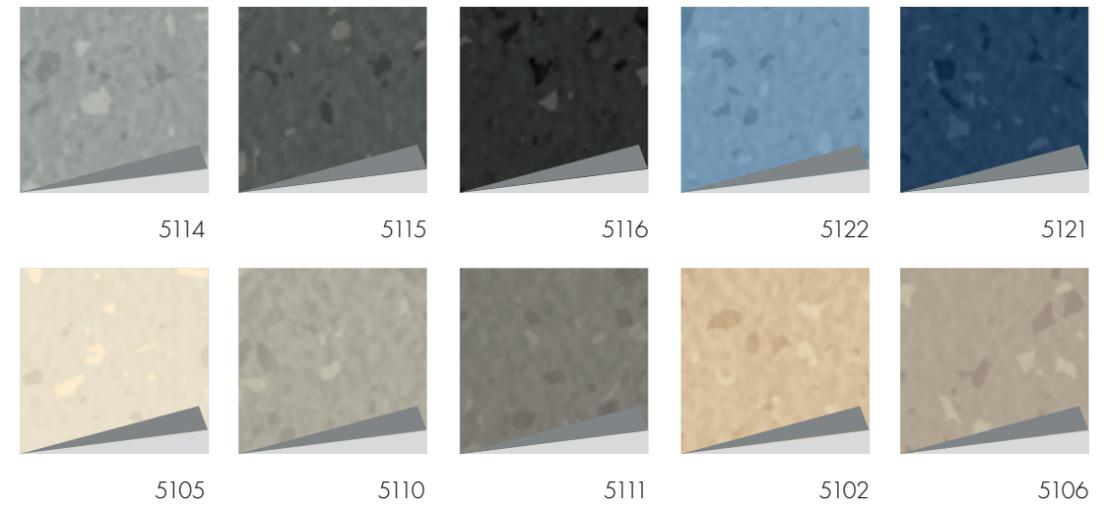


5304

**norament® 926 grano nTx**

Art. 3127  
 □ ~1004 mm x 1004 mm  
 ~3.6 mm  
 nora® profile connection dimension: E + U  
 Slip resistant R10

**norament® 926 satura nTx** · hammerblow surface



**norament® 926 satura nTx**

Art. 3111  
 □ ~1004 mm x 1004 mm  
 ~3.6 mm  
 nora® profile connection dimension: E + U

**norament® 926 arago nTx** · relief structure



**norament® 926 arago nTx**

Art. 3122  
 □ ~1004 mm x 502 mm  
 ~3.6 mm  
 nora® profile connection dimension: E + U

We also supply tiles with chamfered edges on request (Art. 3123).

Special colours are available on request.  
 Please ask for minimum quantities and delivery times.

Further details on nora® nTx can be obtained at [ntx.nora.com](http://ntx.nora.com) or on request.

## noraplan® signa nTx · smooth surface



## noraplan® signa nTx

Art. 181C

~1.22 m x 15.0 m

~2.1 mm

nora® profile connection dimension: A + U

## noraplan® sentica nTx · smooth surface



## noraplan® sentica nTx

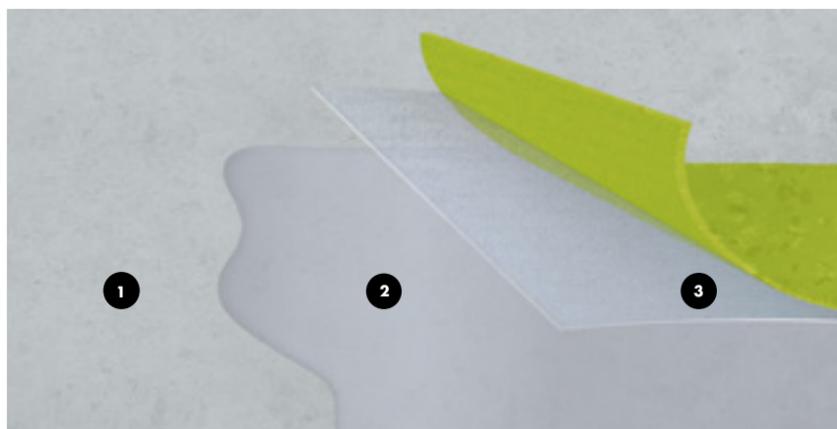
Art. 182C

~1.22 m x 15.0 m

~2.1 mm

nora® profile connection dimension: A + U

## The system configuration



1 subfloor 2 nora® nTx 020 (Primer) 3 nora® nTx floor covering with self-adhesive back

nora® nTx consists of our noraplan® and norament® standard floor coverings, which are equipped with an adhesive backing. The adhesive is covered with a protective film. The glue - like our floor coverings - is rubber-based and particularly health-friendly. Specially developed installation materials and tools for nora® nTx provide functional safety and ensure the highest quality standards. In June of 2016, nora® nTx was awarded the "Plus X Award" in the "High Quality and Functionality" category.



## nora® nTx installation material

nora® nTx 020 has been developed specifically for nora® nTx floor coverings. The perfect matching between the primer and the nora® nTx floor coverings provides functional reliability and ensures the highest standards of quality. Moreover, nora® nTx 020 can be applied to subfloors with higher residual moisture levels.

## nora® nTx 020

1C primer (Bonding agent)

## Art. 6684

Primer for improved adhesion

Available as 5 kg or 12 kg container

## nora® nTx tools

## nora® nTx sanding disc incl nTx K3

Sanding disc for preparing substrates

## Art. 6685

Suitable sanding discs for the machines: Mambo, Columbus, and Orkan. Already fitted with sanding tool nTx K3.

NOTE: Please specify the machine type in your order

## nora® nTx K3

Sanding tool (fine)

## Art. 6686

Sanding tool for nTx sanding disc

## nora® nTx K2

Sanding tool (coarse)

## Art. 6687

Sanding tool for nTx sanding disc



Sanding disc



Sanding tools

# nora one® – a fully certified flooring system

nora one® provides the best possible solution for semi-wet bonding of rubber floor coverings. The combination of low-emission nora floors with suitable floor installation products and flooring installers specially trained by nora form a certified complete system.

This low-emission complete system is certified in line with Indoor Air Comfort GOLD. This eliminates harmful interactions between the separate elements. The individual components have also been awarded the Emission EC1+ certificate.

nora also provides an extended warranty period of eight years on this coordinated complete system.

## Your benefits at a glance



### A reliable system

- The individual components have been tested as a system and optimally coordinated to function perfectly
- Qualified floor layers ensure high-quality flooring installation
- Avoid downtime, complaints and additional costs



### A cooperative partnership

- nora systems is your reliable partner, providing everything you need from one source
- Support through all phases of your project
  - Tender and bid support
  - Creation of installation recommendations
  - Complete and transparent documentation of laying work
  - Advice on cleaning and maintenance



### A secure investment

- Extended warranty period of eight years on the entire system
- Improved interior environment for long-term retention of property value



### Healthy indoor air

- Low emissions
- No harmful interactions between the individual components
- Awarded Indoor Air Comfort Gold, Greenguard Gold and Emission EC1+ certificates

# Overview of system components



## Certified complete system with extended warranty

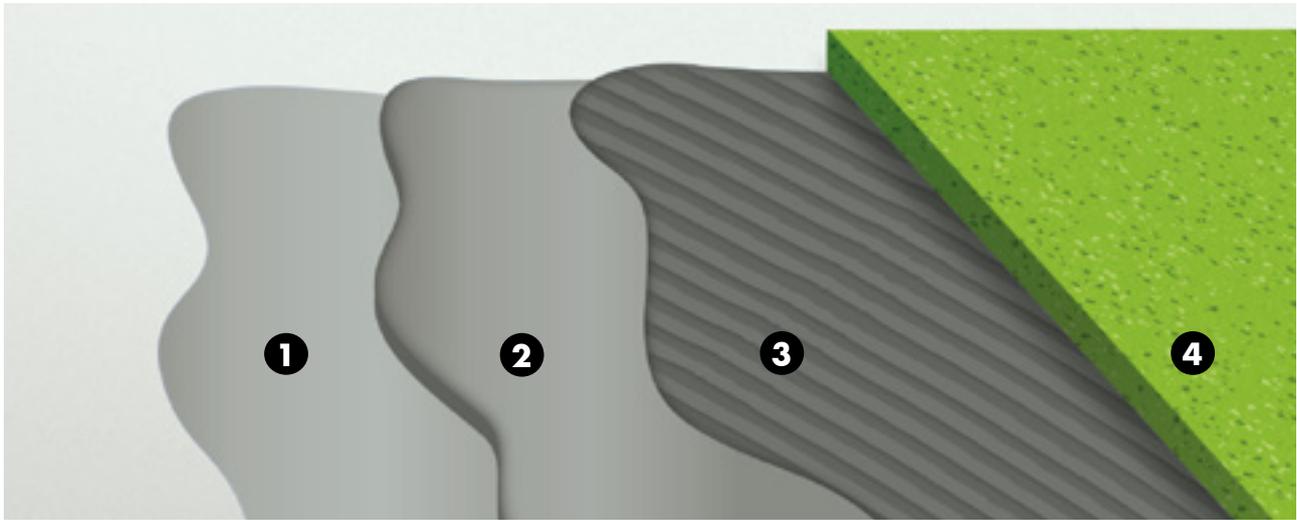
Our system has been awarded Indoor Air Comfort Gold and Greenguard Gold certificates and achieved positive test results from Polymer Service GmbH Merseburg. This enables us to grant our customers an extended warranty period of eight years on the nora one® complete system.



Details of the certified products and further information on eco labels are available at [certificates.nora.com](https://certificates.nora.com) or upon request.



# A complete system from one source



The nora one® system – **1** Primer, **2** Leveling compound, **3** Adhesive, **4** nora® rubber floor covering

## nora one® – available products

We have the perfect floor installation products at hand for almost any subfloor. Choose a product from each of the following categories to create the ideal base. Please contact us if you have any questions.

### Primers:

nora® PRP 101	– Special primer for porous subfloor	Art. 6699
nora® PRN 102	– Special primer for non-porous subfloor	Art. 6700
nora® DPM 100	– 2-part epoxy damp proof membrane	Art. 6701

### Leveling compounds:

nora® L 1000	– High performance self-leveling compound	Art. 6697
nora® SF 1001	– Internal repair mortar	Art. 6698
nora® fibers	– Reinforcement fibers for nora® L 1000	Art. 6654

### Adhesives:

nora® AC 100	– Acrylic adhesive	Art. 6694
nora® ED 120	– Fiber-reinforced conductive acrylic adhesive	Art. 6695
nora® PU 102	– 2-part polyurethane adhesive	Art. 6696

**noraONE**

# nora® accessories

Accessory range made of rubber matched to suit nora® floor coverings for convincing solutions both in visual and functional terms. The materials are impact- and shock-resistant, do not contain any phthalate plasticizers and retain their functional reliability long term.

## nora® skirting and skirting angles

Easy to clean, suitable for areas with stringent hygienic requirements.

### 1 SA 7002 Skirting outer angle

-  24\*  
**SA 7002 A**
-  24\*  
**SA 7002 D**
-  8\*  
**SA 7002 E**

Suitable for Skirting S 3003

**Art. 508**

Delivery unit: as pieces

Connection dimensions:

A = 2.1 mm

D = 3.1 mm

E = 3.7 mm

\*Further colours on request

### 2 S 3003 Skirting

-  24\*  
**S 3003 A**
-  24\*  
**S 3003 D**
-  8\*  
**S 3003 E**

Matching with skirting angles SI 7001 and SA 7002.

**Art. 726**

Delivery unit: in rolls of 10 r.m.

Connection dimensions:

A = 2.1 mm

D = 3.1 mm

E = 3.7 mm

\*Further colours on request

### 3 SI 7001 Skirting inner angle

-  24\*  
**SI 7001 A**
-  24\*  
**SI 7001 D**
-  8\*  
**SI 7001 E**

Suitable for Skirting S 3003

**Art. 507**

Delivery unit: as pieces

Connection dimensions:

A = 2.1 mm

D = 3.1 mm

E = 3.7 mm

\*Further colours on request

## nora® skirting

### 4 S 1024 U Height 100 mm

-  61\*  
**S 1024 U**

For areas with stringent requirements in terms of appearance. The permanently resilient sealing lip of S 1024 U reliably accommodates pastille heights of up to 1 mm. Also suitable as wall stringer with raised-access floors.

**Art. 713**

Delivery unit: in rolls of 10 r.m.

\*Further colours on request

### 5 S 1023 U Height 60 mm

-  120\*  
**S 1023 U**

For areas with stringent requirements in terms of appearance. The permanently resilient sealing lip of S 1023 U reliably accommodates pastille heights of up to 1 mm. Also suitable as wall stringer with raised-access floors.

**Art. 712**

Delivery unit: in rolls of 10 r.m.

\*Further colours on request

### 6 S 1008 U Height 50 mm

-  37\*  
**S 1008 U**

Multi-purpose skirting  
Adjoining skirting for nora® stair angles "TW"

**Art. 705**

Delivery unit: in rolls of 10 r.m.

\*Further colours on request

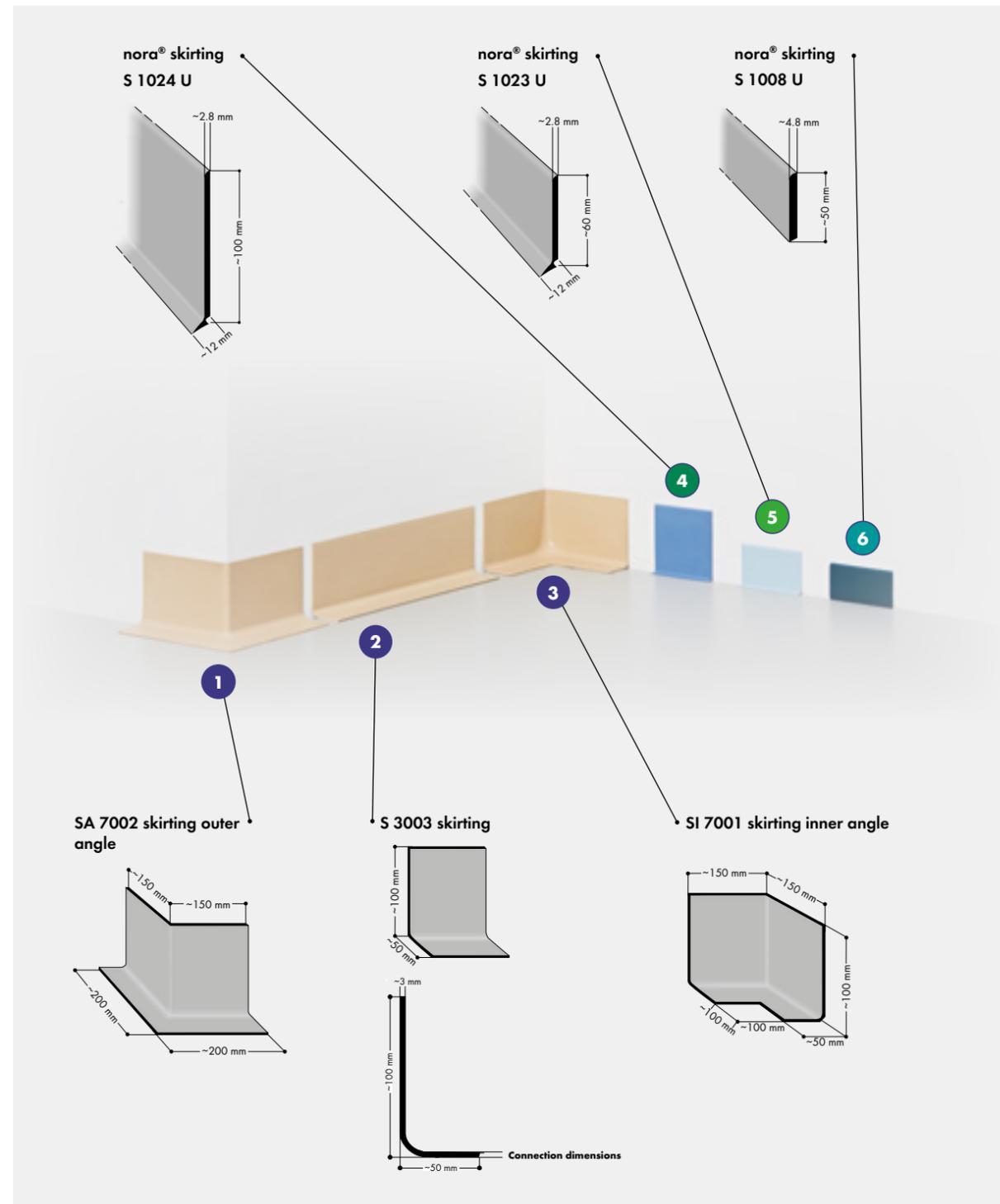
# nora® cushioned-edge profile

## H 9010

For optimum transition between the nora® floor coverings and the wall.

Delivery unit: 5 rolls of 10 r.m.

Art. 7731



## Skirting, S 1023 U

0007	1362	2409	2950	5304	6503	6514	6530	6709	6724	7065
0319	1385	2446	2962	5306	6504	6515	6532	6710	6725	7066
0702	1581	2454	4618	5317	6505	6516	6536	6711	6728	7067
0716	1862	2457	4877	5318	6506	6517	6537	6712	6917	7072
0749	2078	2491	5109	5321	6507	6518	6604	6713	6921	7076
0882	2098	2635	5114	5325	6508	6519	6607	6714	7033	7102
0884	2099	2666	5115	5329	6509	6522	6608	6715	7044	7109
1146	2144	2925	5121	6173	6510	6523	6609	6717	7047	7112
1150	2380	2944	5122	6178	6511	6525	6611	6721	7049	7114
1162	2382	2946	5128	6500	6512	6528	6616	6722	7051	7119
1279	2402	2949	5301	6501	6513	6529	6708	6723	7052	

## Skirting, S 1024 U

0007	0884	1862	2946	5306	6503	6512	6517	6528	7033	7052
0319	1146	2099	2949	5318	6506	6513	6518	6529	7044	7065
0702	1150	2382	2950	5321	6507	6514	6522	6530	7047	7066
0716	1279	2666	4877	5325	6508	6515	6523	6532	7049	7067
0749	1385	2925	5301	5329	6509	6516	6525	6537	7051	7076
0882	1581	2944	5304	6173	6510					

## Skirting, S 1008 U

0007	0716	0884	2786	5110	5116	5127	5302	5313	5317	5329
0214	0733	0890	5103	5114	5118	5129	5303	5314	5318	6507
0319	0749	2074	5107	5115	5121	5301	5304	5315	5325	6522
0702	0882	2681	5108							

Skirting, S 3003 A/S 3003 D

Skirting inner angle, SA 7002 A/SI 7001 A/SA 7002 D/SI 7001 D

0882	2944	6509	6513	6517	6530	7033	7044	7052	7065	7067
2099	6504	6512	6516	6529	7031	7035	7051	7056	7066	7076
2382	6508									

Skirting, S 3003 E

Skirting inner angle, SA 7002 E/SI 7001 E

5301	5304	5306	5317	5318	5321	5325	5329
------	------	------	------	------	------	------	------

Joint sealing compound

0007	2681	5112	5306	5365	6510	6536	7009	7044	7070	7118
0131	2781	5113	5307	5366	6511	6537	7010	7045	7071	7120
0702	2786	5114	5308	5367	6512	6601	7011	7046	7072	7201
0716	2787	5115	5310	5368	6513	6603	7012	7047	7073	7202
0733	2848	5116	5311	6009	6514	6613	7013	7048	7074	7203
0749	2897	5117	5313	6014	6515	6620	7014	7049	7075	7204
0866	2931	5118	5314	6015	6516	6624	7015	7050	7076	7205
0882	2932	5119	5315	6016	6517	6703	7016	7051	7077	7206
0884	2940	5120	5317	6019	6518	6708	7017	7052	7078	7207
1146	2944	5121	5318	6020	6519	6716	7018	7053	7101	7208
1150	2946	5122	5319	6129	6520	6720	7019	7054	7102	7209
1253	2951	5123	5321	6172	6521	6901	7020	7055	7103	7210
1254	2962	5124	5325	6178	6522	6903	7021	7056	7104	7211
1279	4877	5125	5329	6179	6523	6905	7031	7057	7105	7212
1385	4881	5126	5351	6325	6524	6912	7032	7058	7106	7213
1578	5101	5127	5352	6449	6525	6916	7033	7059	7107	7214
1581	5102	5128	5353	6500	6526	6918	7034	7060	7108	7216
1582	5103	5129	5354	6501	6527	6923	7035	7061	7109	7217
1585	5104	5130	5355	6502	6528	7001	7036	7062	7110	7218
2142	5105	5131	5356	6503	6529	7002	7037	7063	7111	7219
2226	5106	5132	5357	6504	6530	7003	7038	7064	7112	7220
2306	5107	5301	5358	6505	6531	7004	7039	7065	7113	7221
2382	5108	5302	5361	6506	6532	7005	7040	7066	7114	7222
2452	5109	5303	5362	6507	6533	7006	7041	7067	7115	7223
2454	5110	5304	5363	6508	6534	7007	7042	7068	7116	7224
2666	5111	5305	5364	6509	6535	7008	7043	7069	7117	

## nora® special range

The special range offers profiles with different cross-sections for further applications.

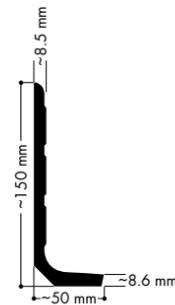
Minimum order quantities on request.

The profiles shown here are examples only. Further individual designs are available on request.

### nora® skirting S 3014 N

Special skirting for norament® 992 and norament® 992 grano

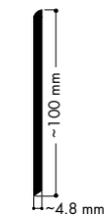
Delivery unit: 2 m



### nora® skirting S 1013 U

Skirting 10 cm high, also suitable for the use on other floor coverings

Delivery unit: in rolls of 10 r.m.



## nora® dry adhesives

### nora® dryfix 750 · Dry adhesive supplied in rolls

For the permanent fixing of nora® floor coverings. Suitable for new buildings and renovations.

Advantages: 5 times as quick, can be walked on immediately, odourless, economic, eco-compatible and reliable.

**Art. 6556**

Delivery unit: 1 roll of 30 r.m. in one carton

### nora® profix · Dry adhesive tapes

**nora® profix 50**

For quick installation of skirting S 1023 U.

**Art. 992**

Delivery unit: 4 rolls of 50 r.m. in one carton

**nora® profix 90**

For quick installation of skirtings S 1024 U, S 3003 as well as for pedestal formation through wall nosings (cushioned-edge profile).

**Art. 993**

Delivery unit: 2 rolls of 50 r.m. in one carton

### nora® stepfix 240 · Dry adhesive supplied in rolls

For quick installation of norament® stairtreads, stairwell installations with nora® stair nosing T 5044 and nora® stair margin.

**Art. 907**

Delivery unit: 1 roll of 50 r.m. in one carton

# nora® hot welding rod

For noraplan® and noracare® - available in matching colours for all floor coverings.

In general, nora® floor coverings do not need to be sealed. The only exceptions are noraplan® acoustic and noracare® floor coverings. For our other floorings, we recommend sealing the joints when the flooring has been installed on a moisture-sensitive subfloor, in rooms with continual and intensive wet cleaning, in areas with stringent hygiene requirements, or for special requirements (e.g. in laboratories).

In operating theatres or other small surfaces where the joints of the skirtings are sealed with nora® joint sealing compound, the compound can also be used for these surfaces to harmonise the installation process.

## Art. 946

Round, Ø 4 mm, rolls of 100 r.m.

# nora® joint sealing compound

For all nora® floor coverings

It is not generally necessary to seal nora® floor coverings. The exceptions are electrostatically dissipative noraplan® and noracare® floorings. However, we do advise sealing the joints if the subfloor is moisture-sensitive, in rooms subject to intensive wet cleaning, or in areas with special hygiene requirements. In these cases, we recommend sealing all nora® floorings.

## Art. 928

300 ml cartridge

1 disposable cartridge, sufficient for 20-25 r.m.

Please note: Joint cutter (art. no. 116950) and nora® liquid wax (art. no. 109914) may be ordered from our company.



Photos: © Elmar Witt

# nora® pads

nora® pads are suitable for daily cleaning and intensive cleaning on extremely soiled norament® and noraplan® rubber floor coverings. Cleaning and polishing are mechanical processes – just with water and absolutely no chemicals at all. nora® pads can be used with most standard types of machine and are available in different sizes.



**Art. 6688**

<b>nora® pad 0 – 10"</b>		Ø 254 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 0 – 13"</b>	<b>nora® Pad 0</b>	Ø 330 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 0 – 14"</b>	for the cleaning with machines for structured noraplan® floor coverings and noraplan® uni, noraplan® unita, noraplan® ultra grip as well as for norament® floor coverings with two-tone surface:	Ø 356 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 0 – 16"</b>		Ø 406 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 0 – 17"</b>		Ø 431 mm	delivery unit: 1 or 4 pieces in one carton
<b>nora® pad 0 – 20"</b>	for polishing cleaned floor coverings with a high speed machine for structured noraplan® floor coverings and noraplan® uni, noraplan® unita, noraplan® ultra grip as well as for norament® floor coverings with two-tone surface:	Ø 508 mm	delivery unit: 1 or 4 pieces in one carton

**Art. 6627**

<b>nora® pad 1 – 10"</b>		Ø 254 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 1 – 13"</b>	<b>nora® Pad 1</b>	Ø 330 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 1 – 14"</b>	for daily maintenance cleaning with machines for smooth noraplan® floor coverings as well as for norament® floor coverings with hammerblow or cubic-structure:	Ø 356 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 1 – 16"</b>		Ø 406 mm	delivery unit: 4 pieces in one carton
<b>nora® pad 1 – 17"</b>		Ø 431 mm	delivery unit: 1 or 4 pieces in one carton
<b>nora® pad 1 – 20"</b>	for polishing cleaned floor coverings with a high speed machine for smooth noraplan® floor coverings and norament® floor coverings with hammerblow or cubic structure:	Ø 508 mm	delivery unit: 1 or 4 pieces in one carton

**Art. 6628**

<b>nora® pad 2 – 17"</b>	<b>nora® Pad 2</b>		
	for intermediate and intensive cleaning with a single disk machine for smooth noraplan® floor coverings and norament® floor coverings with hammerblow or cubic structure:	Ø 431 mm	delivery unit: 1 or 4 pieces in one carton

**Art. 6629**

<b>nora® pad 3 – 17"</b>	<b>nora® Pad 3</b>		
	for intensive cleaning of heavily soiled and scratched floor coverings with a single disk machine for smooth noraplan® floor coverings and norament® floor coverings with hammerblow or cubic structure:	Ø 431 mm	delivery unit: 1 piece in one carton



# nora 4you

nora 4you provides solutions for your individual flooring needs. Flooring gives your rooms structure, personality and life. With nora 4you, you can design your rooms exactly as you want them. We offer customised solutions that make your rooms special and distinctive in a way that is important to you. Anything is possible.

Quality and functionality are crucial criteria when selecting floor coverings. With nora 4you, we now go one step further and put an additional focus on design and individuality. This allows you to creatively design, structure or accentuate your surfaces with colours, patterns and inlays according to your specific requirements and ideas.

## Inlays

Create inlays based on our templates or design compositions of your own imagination. At our inlay centre we can process your images, drawings or image files to create your own design. Our state-of-the-art ultrasound cutting machine cuts almost any motif into 100% matching pieces that can be laid without sealing the joints. To guarantee easy installation, we supply inlays up to a size of 1.60 x 1.22 metres, fully assembled and ready for laying. For large-sized inlays, we provide the floor layer with detailed laying plans.

## Room Inlays

Room inlays are design elements. Depending on the colour combination, design language and combination of materials, they change and shape the room. Whether used as part of a comprehensive design concept or as a decorative eye-catcher, inlays make a statement that can't be overlooked. They help give spaces a distinctive identity.



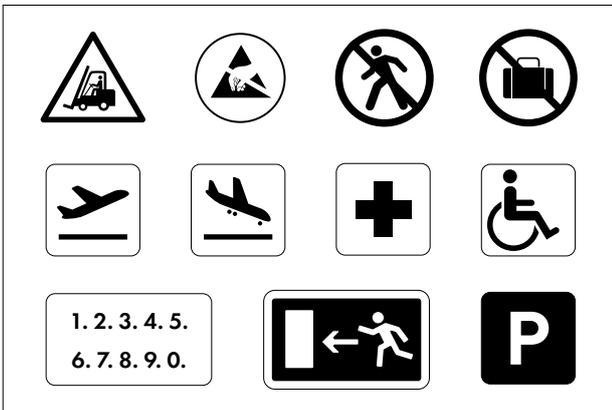


© Werner Huthmacher

## Routing systems

With nora 4you, you can adapt your routing system to your individual spatial circumstances. For example, colour-coded stripes or signs in the floor help people to orientate themselves as they move through different sections or parts of the building.

In addition, nora offers a variety of inlay options for flooring or skirting boards to mark escape routes with integrated light strips or other lighting elements.



© nora systems

## Choose from our standard symbols or design your own

nora offers you a wide range of standardised templates, which we can customise according to your requirements. In addition to our standard symbols, we will be happy to design and create individual symbols or logos to suit your specific requirements.



© nora systems



Notting Hill Preparatory School, London, UK

© Hanson Architects | Davide Saibene

## Planks and Tiles

Our new plank and tile concept gives you almost limitless freedom to design your rooms the way you want. You can use any combination of plank or tile shapes and colours to influence the overall design of the room. The laying pattern also has a decisive influence on the sense of space. Planks enable you to create a distinctive and individual spatial effect in variants that are precisely tailored to your needs. Even with tiles, you can realise different laying patterns or set unusual accents.

Our plank formats are available with most noraplan® designs. We deliver planks in your choice of colour and in five standard sizes optionally in 2 mm or 3 mm. In addition, with monochrome installations of planks or tiles, the edges can be chamfered to accentuate the plank or tile character and create an elegant joint pattern. Talk to us about your ideas and we will be happy to support you with individual planning.

### Different formats for endless possibilities and individual room design.

#### noraplan®



~ 610 mm x 305 mm



~ 1220 mm x 405 mm



~ 610 mm x 610 mm



~ 610 mm x 205 mm

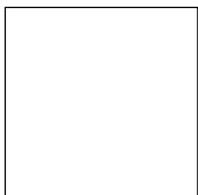


~ 1220 mm x 202.5 mm



~ 610 mm x 152.5 mm

#### norament®



~ 1004 mm x 1004 mm

#### norament® 926 arago



~ 1004 mm x 502 mm

Further plank and tile sizes are available on request.  
Please ask for minimum quantities.



## Special colours

With over 300 colours and shades, even our standard product programme provides outstanding choice. However, if you are looking for a different colour, we will be happy to develop an individual colour for your project. We can customise almost any colour using samples or colour codes (NCS, RAL, Pantone) and implement your wishes in the flooring. For example, you can design your entire building in one shade without compromising the functional properties of your flooring.

### You can choose from different:

- base colours
- granules
- surface structures

Please ask for minimum quantities and delivery times.



	Test method	Requirements	Average test results from running production					
			926	926 arago 926 castello 926 grano 926 sabura	825	926 kivo	992 992 grano	975 LL
<b>CE conformity</b>	<b>EN 14041</b>		← Manufacturer: nora systems GmbH, D-69469 Weinheim →					
DoP-No.	EN 14041		0021		0004	0021	0023	0024
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m·K)}$	← Fulfilled →					
Dynamic coefficient of friction	EN 13893	DS	← Fulfilled →					
Reaction to fire	EN 13501-1	Not bonded	C <sub>p</sub> s1		C <sub>p</sub> s1	C <sub>p</sub> s1	C <sub>p</sub> s2	B <sub>p</sub> s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B <sub>p</sub> s1		B <sub>p</sub> s1	B <sub>p</sub> s1	C <sub>p</sub> s1	-

**Properties acc. to EN 1817/EN 12199**

Thickness	EN ISO 24346	Mean value ± 0.20 mm according to EN 12199	4 mm		3.2 mm		9 mm (Art. 1956)	
		Mean value ± 0.15 mm according to EN 1817		3.5 mm		2.7 mm	9 mm (Art. 1955)	3.5 mm
Dimensional stability	EN ISO 23999	± 0.4 %	← ± 0.2 % →					± 0.1 %
Tear strength	ISO 34-1, method B, procedure A	Mean value ≥ 20 kN/m	40 kN/m	40 kN/m	35 kN/m	35 kN/m	45 kN/m	40 kN/m
Cigarette-burn resistance	EN 1399	Procedure A (stubbled out) ≥ level 4 Procedure B (burning) ≥ level 3	← Fulfilled →					
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	← Fulfilled →					
Hardness	ISO 48-4	≥ 70 Shore A (EN 12199) ≥ 75 Shore A (EN 1817)	82 Shore A	82 Shore A	87 Shore A	82 Shore A	70 Shore A	85 Shore A
Residual indentation	EN ISO 24343	Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness < 3.0 mm	0.12 mm	0.12 mm	0.12 mm	0.12 mm	0.25 mm	0.07 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	≤ 250 mm <sup>3</sup>	115 mm <sup>3</sup>	115 mm <sup>3</sup>	130 mm <sup>3</sup>	115 mm <sup>3</sup>	90 mm <sup>3</sup>	150 mm <sup>3</sup>
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least level 6 on the blue scale; ≥ level 3 on the grey scale	← Grey scale ≥ level 3 acc. to ISO 105-A02 →					
Classification	EN ISO 10874	Commercial/Industrial	34/43	34/43	32/41	34/43	34/43	34/43

**Additional technical properties**

Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic		-	Carbonisation gases are non-toxic		-
Anti-slip properties	DIN 51130	According to BGR 181	R 9	R 9 926 grano/Art. 1880 = R 9 926 grano/Art. 1870 = R 10 arago = R 10	R 9	R 9	R 9	R 9 975 LL serra = R 10
	DIN 51097		A	926 grano/Art. 1870 = A, B arago = A, B	-	-	-	-
Improvement in footfall sound absorption	ISO 10140-3		12 dB	10 dB	9 dB	8 dB	15 dB	8 dB
Effect of chemicals	EN ISO 26987		← Resistant depending on concentration and time of exposure* →					
Electrical insulation properties	EN 1081 R1		← > 10 <sup>9</sup> Ohm →					
Electrical propensity when walked upon	EN 1815		← Antistatic, charging in case of rubber soles < 2 kV →					
Effect of a castor chair	EN 425		← Suitable if castor wheels, type W, according to EN 12529 are used →					
Underfloor heating	EN 1264-2		← Suitable, max. 35° C →					

\* In case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals please contact us.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings  
EN 12199: Specification for homogeneous and heterogeneous profiled elastomer floor coverings

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.

# noraplan®

	Test method	Requirements	Average test results from running production					
			uni 2.0 mm	eco 2.0 mm linee 2.0 mm lona 2.0 mm senitica 2.0 mm signa 2.0 mm stone 2.0 mm valua 2.0 mm	unita 2.0 mm	ultra grip 2.0 mm	senitica 3.0 mm signa 3.0 mm valua 3.0 mm	senitica acoustic signa acoustic stone acoustic
<b>CE conformity</b>	<b>EN 14041</b>		Manufacturer: nora systems GmbH, D-69469 Weinheim					
DoP-No.	EN 14041		0018	0016	0010	0016	0017	
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W}/(\text{m}\cdot\text{K})$	Fulfilled					
Dynamic coefficient of friction	EN 13893	DS	Fulfilled					
Reaction to fire	EN 13501-1	Not bonded	B <sub>f</sub> s1	B <sub>f</sub> s1, bonded	C <sub>f</sub> s1	B <sub>f</sub> s1, bonded	C <sub>f</sub> s1	
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B <sub>f</sub> s1	B <sub>f</sub> s1	C <sub>f</sub> s1	B <sub>f</sub> s1	B <sub>f</sub> s1	

### Properties acc. to EN 1817/EN 1816

Thickness	EN ISO 24346	Mean value without foam backing $\pm 0.15 \text{ mm}$	2.0 mm	2.0 mm	2.0 mm	3.0 mm	-	
		Mean value with foam backing $\pm 0.20 \text{ mm}$	-	-	-	-	4.0 mm	
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.3 \%$					
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) level $\geq 4$ Procedure B (burning) level $\geq 3$	Fulfilled					
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled		Not fulfilled	Fulfilled	-	Fulfilled
Hardness	ISO 48-4	$\geq 75 \text{ Shore A}$	94 Shore A	92 Shore A	90 Shore A	92 Shore A	85 Shore A	
Residual indentation	EN ISO 24343	Mean value $\leq 0.15 \text{ mm}$ at thickness $< 2.5 \text{ mm}$	0.03 mm	0.03 mm	0.05 mm	-	-	
		Mean value $\leq 0.20 \text{ mm}$ at thickness $\geq 2.5 \text{ mm}$	-	-	-	0.03 mm	-	
		acoustic: Mean value $\leq 0.25 \text{ mm}$	-	-	-	-	0.25 mm	
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	130 mm <sup>3</sup>	150 mm <sup>3</sup>	90 mm <sup>3</sup>	150 mm <sup>3</sup>	130 mm <sup>3</sup>	
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least level 6 on the blue scale; $\geq$ level 3 on the grey scale	Grey scale $\geq$ level 3 acc. to ISO 105-A02					
Classification	EN ISO 10874	Commercial/Industrial	34/42	34/42	34/42	34/43	33/-	

### Additional technical properties

Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic				
Anti-slip properties	DIN 51130	According to BGR 181	R 9	stone Art. 149/249 + signa Art. 1690/2690: R 10 Others: R 9	R 11	R 9	stone acoustic: R 10 Others: R 9
	DIN 51097		-	stone Art. 149/249 + signa Art. 1690/2690: A; B	A; B; C	-	-
	BS 7976 TRRL Pendulum		-	-	36+ Wet & dry	-	-
	SATRA TM 144		-	-	Wet: $> 0.6$ Dry: $> 0.45$	-	-
Improvement in footfall sound absorption	ISO 10140-3		6 dB	6 dB	7 dB	8 dB	20 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure*				
Electrical insulation properties	EN 1081 R1		$> 10^9 \text{ Ohm}$	$> 10^{10} \text{ Ohm}$	$> 10^9 \text{ Ohm}$	$> 10^{10} \text{ Ohm}$	$> 10^9 \text{ Ohm}$
Electrical propensity when walked upon	EN 1815		Antistatic, charging in case of rubber soles $< 2 \text{ kV}$				
Effect of a castor chair	EN 425		Suitable if castor wheels, type W, according to EN 12529 are used				
Underfloor heating	EN 1264-2		Suitable, max. 35° C				

\* In case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals please contact us.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings

EN 1816: Specification for homogeneous and heterogeneous smooth elastomer floor coverings with foam backing

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.

# nora<sup>®</sup> nTx

	Test method	Requirements	Average test results from running production	
			noraplan <sup>®</sup>	norament <sup>®</sup>
			eco nTx <sup>**</sup> linea nTx <sup>**</sup> lana nTx <sup>**</sup> sentita nTx <sup>**</sup> signa nTx <sup>**</sup> stone nTx <sup>**</sup> unita nTx <sup>**</sup> valua nTx <sup>**</sup>	926 arago nTx <sup>**</sup> 926 castello nTx <sup>**</sup> 926 grano nTx <sup>**</sup> 926 sabina nTx <sup>**</sup>
<b>CE conformity</b>	<b>EN 14041</b>		← Manufacturer: nora systems GmbH, D-69469 Weinheim →	
DoP-No.	EN 14041		0027	0031
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m·K)}$	← Fulfilled →	
Dynamic coefficient of friction	EN 13893	DS	← Fulfilled →	
Reaction to fire	EN 13501-1		C <sub>s</sub> -1, bonded	C <sub>s</sub> -1, bonded
<b>Properties acc. to EN 1817</b>				
Thickness	EN ISO 24346	Mean value ± 0.15 mm according to EN 1817	2.1 mm or 3.1 mm <sup>**</sup>	3.6 mm
Dimensional stability	EN ISO 23999	± 0.4 %	± 0.3 %	± 0.2 %
Cigarette-burn resistance	EN 1399	Procedure A (stuffed out) ≥ level 4 Procedure B (burning) ≥ level 3	← Fulfilled →	
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled (Exception: unita nTx)	
Hardness	ISO 48-4	≥ 75 Shore A	92 Shore A	82 Shore A
Residual indentation	EN ISO 24343	noraplan <sup>®</sup> nTx: Mean value ≤ 0.15 mm at thickness < 2.5 mm Mean value ≤ 0.20 mm at thickness ≥ 2.5 mm  norament <sup>®</sup> nTx: Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness < 3.0 mm	0.05 mm	0.15 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	≤ 250 mm <sup>3</sup>	150 mm <sup>3</sup>	115 mm <sup>3</sup>
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least 6 on the blue scale, ≥ 3 on the grey scale	← Grey scale ≥ 3 acc. to ISO 105-A02 →	
Classification	EN ISO 10874	Commercial/Industrial	2.1 mm: 34/42 3.1 mm: 34/43	34/43
<b>Additional technical properties</b>				
Weight	EN ISO 23997		2.1 mm: ~ 3.36 kg/m <sup>2</sup> 3.1 mm: ~ 5.08 kg/m <sup>2</sup>	~ 5.40 kg/m <sup>2</sup>
Tear strength	ISO 34-1, method B, procedure A		n. a.	35 kN/m
Slip resistance	DIN 51130		R 9* R 10* (reflection-breaking surface)	R 9* R 10* (arago nTx, grano nTx with cubic structure)
Improvement in footfall sound absorption	ISO 10140-3		2.1 mm: 4 dB 3.1 mm: 5 dB	8 dB
Effect of chemicals	EN ISO 26987	Depending on concentration and time of exposure	← Resistant <sup>(1)</sup> →	
Electrostatic behaviour when being walked on	EN 1815		← Antistatic, charging in case of rubber soles < 2 kV →	
Effect of a castor chair	EN 425		← Suitable if castor wheels, type W, according to EN 12529 are used →	
<b>Fire behaviour/smoke behaviour</b>				
<b>Fulfills the requirements</b>				
Fire behaviour	EN 13501-1		C <sub>s</sub> -1, bonded	C <sub>s</sub> -1, bonded
	EN 45545	Hazard Level	HL1*	
Fire behaviour	ASTM E-648 / ISO 9239-1	Federal Railroad Administration	Class 1 (≥ 0.50 W/cm <sup>2</sup> )*	
Smoke density	ASTM E-662		After 1.5 minutes < 100, after 4 minutes < 200*	
Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic	Carbonisation gases are non-toxic
<b>Adhesive characteristics</b>				
Description			← Pressure-sensitive hot melt adhesive →	
Softening range	Ring & Ball		← approx. 122 - 134 °C →	
VOC			← 0 % →	

\* Tested and certified by an independent testing institute.

\*\* Minimum quantities required.

<sup>1)</sup> In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals please contact us.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.

# nora<sup>®</sup> ESD floor coverings

	Test method	Requirements	Average test results from running production				
			norament <sup>®</sup>		noraplan <sup>®</sup>		
			928 grano ed	927 grano ec	senitica ed 2.0 mm signa ed 2.0 mm stone ed 2.0 mm	senitica ed 3.0 mm signa ed 3.0 mm	astro ec
<b>CE conformity</b>	<b>EN 14041</b>		← Manufacturer: nora systems GmbH, D-69469 Weinheim →				
DoP-No.	EN 14041		0005	0022	0001	0001	0036
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m·K)}$	← Fulfilled →				
Dynamic coefficient of friction	EN 13893	DS	← Fulfilled →				
Electrical behaviour	EN 1081	ed = $\leq 10^6 \text{ Ohm}$	Fulfilled		← Fulfilled →		
		ec = $\leq 10^6 \text{ Ohm}$		Fulfilled			Fulfilled
Reaction to fire	EN 13501-1	Not bonded	C <sub>f</sub> s1, bonded	C <sub>f</sub> s2	← C <sub>f</sub> s1 →		
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	C <sub>f</sub> s1	C <sub>f</sub> s1	B <sub>f</sub> s1		C <sub>f</sub> s1

## Properties acc. to EN 1817

Thickness	EN ISO 24346	Mean value $\pm 0.15 \text{ mm}$ according to EN 1817	3.5 mm	3.5 mm	2.0 mm	3.0 mm	2.0 mm
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	← $\pm 0.2 \%$ →		← $\pm 0.3 \%$ →		
Tear strength	ISO 34-1, method B, procedure A	Mean value $\geq 20 \text{ kN/m}$	45 kN/m	35 kN/m	-		
Cigarette-burn resistance	EN 1399	Procedure A (stubb ed) $\geq$ level 4 Procedure B (burning) $\geq$ level 3	← Fulfilled →				
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	← Fulfilled →			-	Fulfilled
Hardness	ISO 48-4	$\geq 75 \text{ Shore A (EN 1817)}$	84 Shore A	90 Shore A	← 95 Shore A →		
Residual indentation	EN ISO 24343	Mean value $\leq 0.15 \text{ mm}$ at thickness $< 2.5 \text{ mm}$ Mean value $\leq 0.20 \text{ mm}$ at thickness $\geq 2.5 \text{ mm}$	-		0.03 mm		
		Mean value $\leq 0.25 \text{ mm}$ at thickness $\geq 3.0 \text{ mm}$ Mean value $\leq 0.20 \text{ mm}$ at thickness $< 3.0 \text{ mm}$	0.05 mm		-		
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	90 mm <sup>3</sup>	90 mm <sup>3</sup>	130 mm <sup>3</sup>		150 mm <sup>3</sup>
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least level 6 on the blue scale; $\geq$ level 3 on the grey scale	← Grey scale $\geq$ level 3 acc. to ISO 105-A02 →				
Classification	EN ISO 10874	Commercial/Industrial	34/43		34/42	34/43	34/42

## Additional technical properties

Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic	-	Carbonisation gases are non-toxic		
Anti-slip properties	DIN 51130	According to BGR 181	R 9		stone ed: R 10 Others: R 9	R 9	
Improvement in footfall sound absorption	ISO 10140-3		10 dB	10 dB	6 dB	8 dB	6 dB
Effect of chemicals	EN ISO 26987		← Resistant depending on concentration and time of exposure* →				
Effect of a castor chair	EN 425		← Suitable if castor wheels, type W, according to EN 12529 are used →				
Underfloor heating	EN 1264-2		← Suitable, max. 35° C →				

## Electrical behaviour\*\*

Resistance to EPA ground	ESD STM 7.1/ IEC 61340-4-1	Measuring the installed floor at 23 °C ( $\pm 2$ °C) and $\geq 25 \%$ r.h.	$10^6 - 9 \times 10^7 \text{ Ohm}$	$< 10^6 \text{ Ohm}$	$10^6 - 9 \times 10^7 \text{ Ohm}$	$< 10^6 \text{ Ohm}$
		Measuring the installed floor at 23 °C ( $\pm 2$ °C) and $< 25 \%$ r.h., installed on an appropriate subfloor build up	$10^6 - 10^9 \text{ Ohm}^{***}$	$< 10^6 \text{ Ohm}$	$10^6 - 10^9 \text{ Ohm}^{***}$	$< 10^6 \text{ Ohm}$
Operator system - Resistance to ground	ESD STM 97.1/ IEC 61340-4-5	For the system floor/conductive footwear ( $R < 5 \times 10^4 \text{ Ohm}$ ) measuring the installed floor at 23 °C ( $\pm 2$ °C) and $\geq 25 \%$ r.h.	$\leq 3.5 \times 10^7 \text{ Ohm}$			
Body voltage generation	ESD STM 97.2 IEC 61340-4-5	Tested with defined conductive footwear at 23 °C and 12 % r.h.	← $< 10 \text{ V}$ →			
Resistance to earth	EN 1081		$10^6 - 9 \times 10^7 \text{ Ohm}$	$< 10^6 \text{ Ohm}$	$10^6 - 9 \times 10^7 \text{ Ohm}$	$< 10^6 \text{ Ohm}$
Insulation resistance	VDE 0100-600		$\geq 1 \times 10^5 \text{ Ohm}$	-	$\geq 5 \times 10^4 \text{ Ohm}$	$\geq 1 \times 10^5 \text{ Ohm}$

\* In case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals please contact us.

\*\* If installed electrically dissipative and conductive in conformity with our installation instruction and according to the recommendations of the adhesive manufacturer.

The used adhesive has to have a permanent resistance of  $R < 3 \times 10^6 \text{ Ohm}$  according to EN 13415.

\*\*\* If extremely low humidity values ( $< 25 \%$  relative air humidity (= r.h.)) are expected for a longer period, please contact nora systems GmbH, Technical Service, for advice.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings

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noracare®

## Designs: seneo, uneo

	Test method	Requirements	Average test results from running production
<b>CE conformity</b>	<b>EN 14041</b>		<b>Manufacturer: nora systems GmbH, D-69469 Weinheim</b>
DoP-No.	EN 14041		0035
Thermal conductivity	EN 10456	$\lambda = 0.25 \text{ W}/(\text{m}\cdot\text{K})$	Fulfilled
Dynamic coefficient of friction	EN 13893	DS	Fulfilled
Reaction to fire	EN 13501-1	Not bonded	C <sub>0</sub> -s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B <sub>0</sub> -s1
<b>Properties acc. to EN 1817</b>			
Thickness	EN ISO 24346	Mean value $\pm 0.15 \text{ mm}$ acc. to EN 1817	2.0 mm
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.3 \%$ *
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled
Hardness	ISO 48-4	$\geq 75 \text{ Shore A}$ acc. to EN 1817	96 Shore A
Residual indentation	EN ISO 24343	Mean value $\leq 0.15 \text{ mm}$ at thickness $< 2.5 \text{ mm}$	0.05 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	100 mm <sup>3</sup>
Colour fastness to artificial light	ISO 105-B02, procedure 3	At least level 6 on the blue scale; $\geq$ level 3 on the grey scale	Fulfilled
Classification	EN ISO 10874	Commercial/Industrial	34/42
<b>Additional technical properties</b>			
Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic
Anti-slip properties	DIN 51130	According to BGR 181	R 10
	DIN 51097		A
Improvement in footfall sound absorption	ISO 10140-3		5 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure**
Electrical insulation properties	EN 1081 R1		$> 10^{10} \text{ Ohm}$
Electrical propensity when walked upon	EN 1815		Antistatic, charging in case of rubber soles $< 2 \text{ kV}$
Effect of a castor chair	EN 425		Suitable if castor wheels, type W, according to EN 12529 are used
Underfloor heating	EN 1264-2		Suitable, max. 35° C

\* 6 h at 50° C

\*\* In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals please contact us.

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# Building Information Modeling (BIM)

Building Information Modeling (BIM) is a software-supported method used to optimise the planning, construction and management of buildings. All relevant material and building data is digitally captured, managed, combined and cross-linked. This information can be used throughout the entire life cycle of a building, starting with the documentation of planning, through cost and project management to building operation.



AUTODESK® Revit® and GRAPHISOFT® ArchiCAD are two of the leading software tools that can be used to implement BIM planning and generate the virtual building model. For both programs, the files of norament and noraplan standard floor coverings that are required for planning are available for download on our website. In ArchiCAD, our norament stairtreads can also be taken into account during planning.

**[bim.nora.com](http://bim.nora.com)**

## Please note

norament®, noraplan® and noracare® have been developed for indoor installation. nora® floor coverings are not suitable for installation in outdoor applications or in areas with constant and direct wet loads.

The particulars given in this brochure are for informational purposes only concerning the products presented. They represent descriptions or designations, but not any warranted qualities. This information cannot cover all possible service conditions which our floor coverings may encounter.

If the floor covering is going to be exposed to out-of-the-ordinary service conditions and stresses (e.g. extreme UV radiation, chemical substances or other aggressive media), please contact us for advice.

We will be pleased to supply you on request with flooring samples to enable you to carry out in-house tests. We reserve the right to alter technical values as part of an ongoing product improvement process.

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**Publisher**

nora systems GmbH  
Höhnerweg 2-4  
69469 Weinheim | Germany  
[www.nora.com](http://www.nora.com)