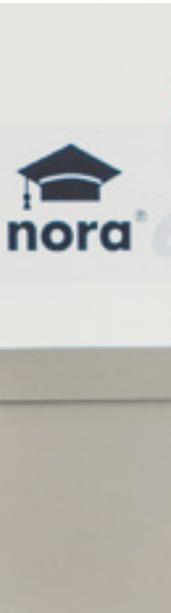
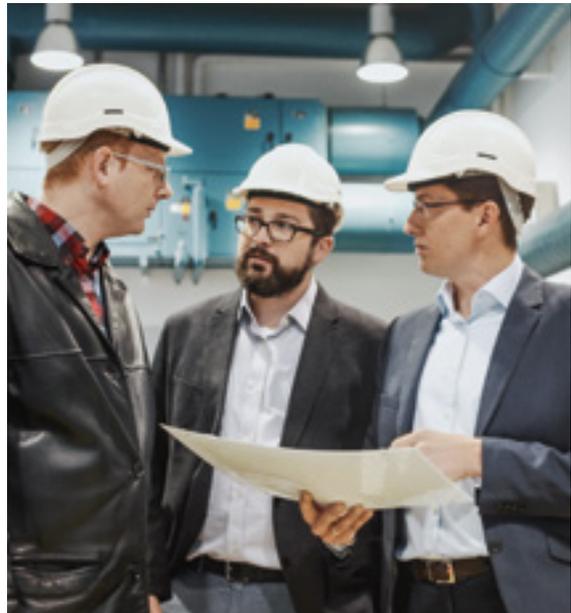




Rubber floor coverings and accessories 2022

nora[®]
by **Interface**[®]





Innovative floor coverings made in Germany

We are driven by the idea of creating outstanding and distinctive flooring solutions that meet the widest possible range of applications. We have found the ideal material for this in high-quality rubber, which we transform into permanently resilient and extremely resistant floor coverings through an innovative manufacturing process.

nora floor coverings are highly flame retardant (acc. to EN 13501), exhibit outstanding ergonomic properties and effectively absorb footfall sound. They are free of phthalate plasticisers, which keeps them dimensionally stable, while their dense and closed surface makes cleaning and maintenance easy. All of which are properties highly valued by our customers in a wide variety of application areas.

Our floor coverings are extremely versatile and can be used virtually anywhere. You will find them worldwide for instance in

- hospitals and nursing facilities,
- educational facilities,
- public buildings and transport sector as well as
- industrial buildings.

Above all, everything we do is aimed at achieving our customers' goals. That is why our nora floor coverings deliver unparalleled service today, tomorrow and far into the future.



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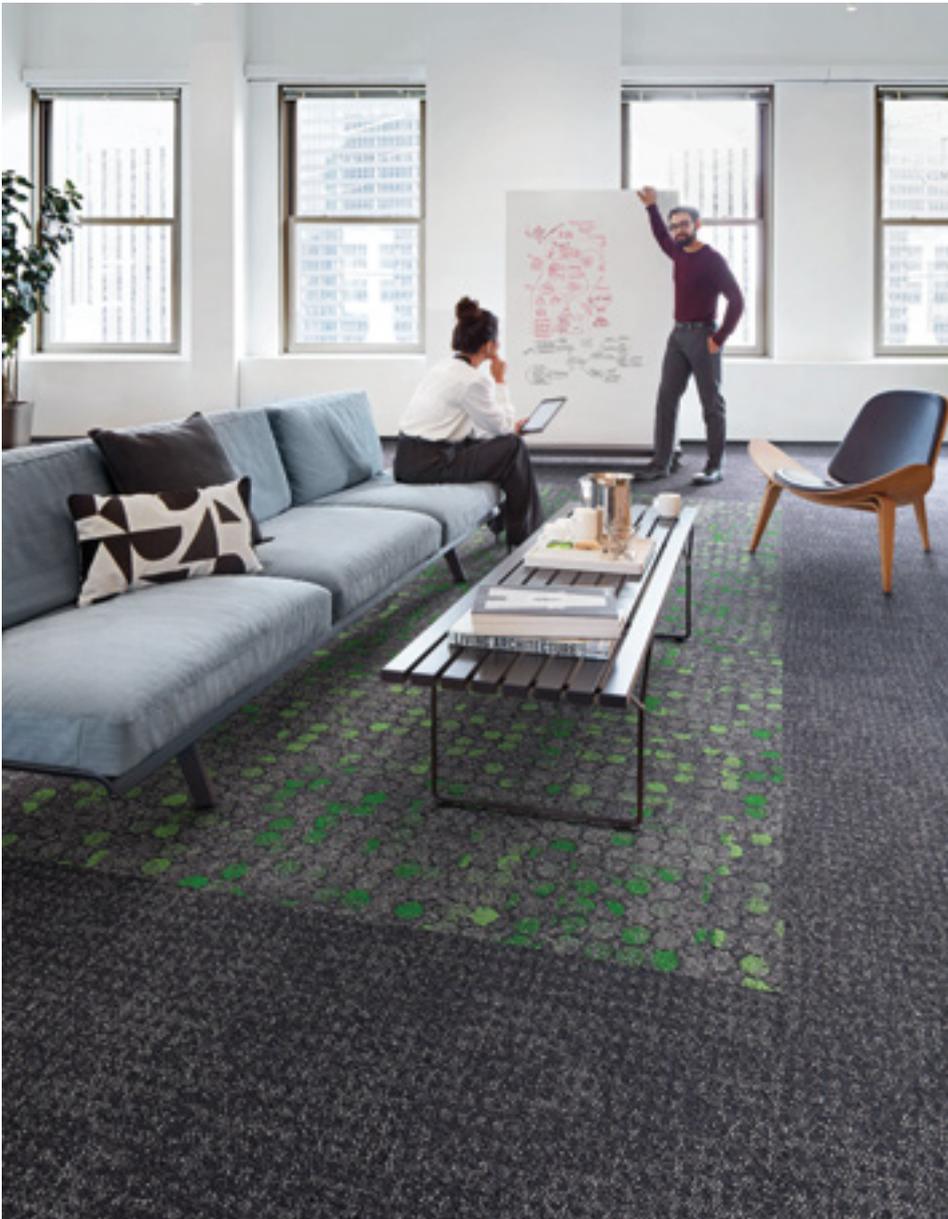
About Interface

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 and blog.interface.com and the Carbon Neutral Floors™ program at 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 life cycle. This begins with raw materials and continues through manufacturing, transportation, maintenance and ultimately end-of-life product take-back 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 CO₂ neutral* across their entire product life cycle. As a result, Interface's entire product portfolio – carpet tiles, luxury vinyl tiles (LVT), and now also nora® rubber floor coverings – is CO₂ neutral.

*nora® floor coverings are CO₂ neutral over the entire product life cycle. We are continuously working on further reducing CO₂ emissions within the value chain through various measures. Remaining CO₂ 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.



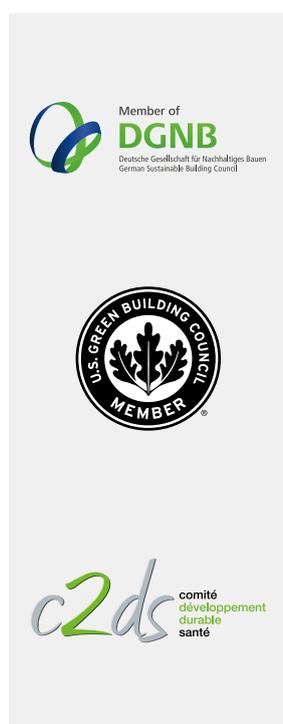
Building certifications

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/

www.usgbc.org/leed

www.breeam.com/



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® floor coverings

Eco-labels, approvals and Environmental Product Declarations



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



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.

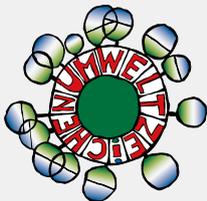
Approval criteria: Cradle to Cradle Certified™ Product Standard



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



Austrian eco-label

The Austrian eco-label is awarded by the Austrian Ministry of Agriculture, Forestry, Environment, and Water Management. It provides information on the environmental impact of consumer goods that arises from their production, usage and disposal. Certified floor coverings exert as small an impact as possible on the environment and health over their whole life cycle.

Approval criteria: UZ 42



ecobau

The ecobau association has been promoting sustainable and healthy building in Switzerland since 2005. ecobau members include public building authorities from the federal government, cantons and cities, as well as organizations such as KBOB, CRB and educational institutions. Together they develop planning tools for ecological construction to support building authorities, planners and architects. The environmental impact of different building materials is assessed from production to disposal.

Approval criteria: Methodology building materials ecobau



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)



Bygghälsöversyn

The Swedish institute Bygghälsöversyn 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: Bygghälsöversyn's criteria for chemical content and life cycle aspects



Indoor Air Comfort GOLD

The Eurofins certification Indoor Air Comfort GOLD combines emissions requirements of the most important European eco-labels 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



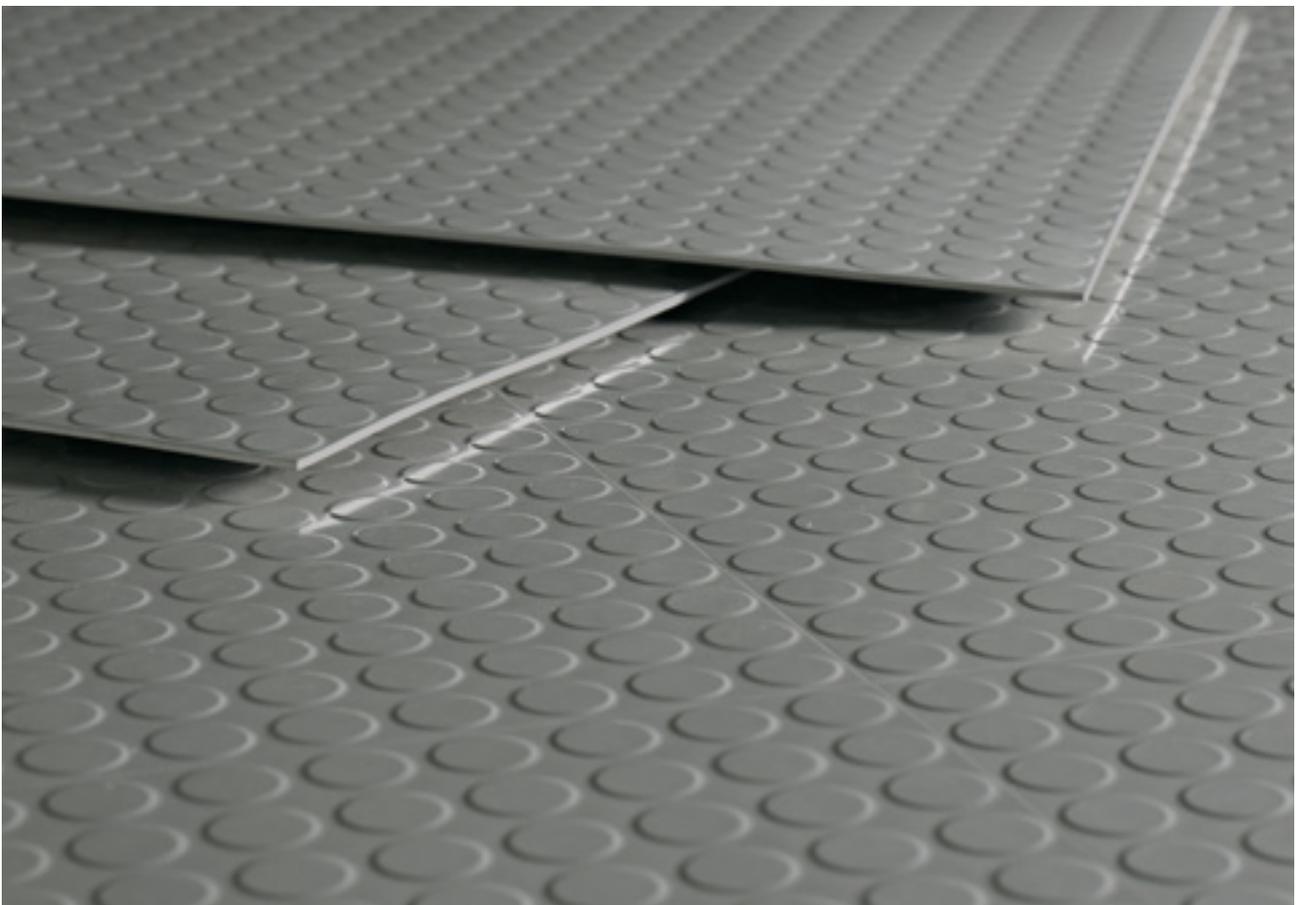
EPDs from Institut Bauen und Umwelt e.V.

EPDs (Environmental Product Declarations) are issued on the basis of international standards by the Institut 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.

High-quality rubber floor coverings

nora® floor coverings are made of high-quality industrial rubber. They are mixed with minerals from natural sources and other components, such as 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 products offer boundless possibilities

Everyone aspires to individuality. Why should this claim stop at the floor covering? Our norament product line together with our special floorings form a perfectly practical synthesis of design and functionality with consideration of environmental impacts. 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 outstanding quality and 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.

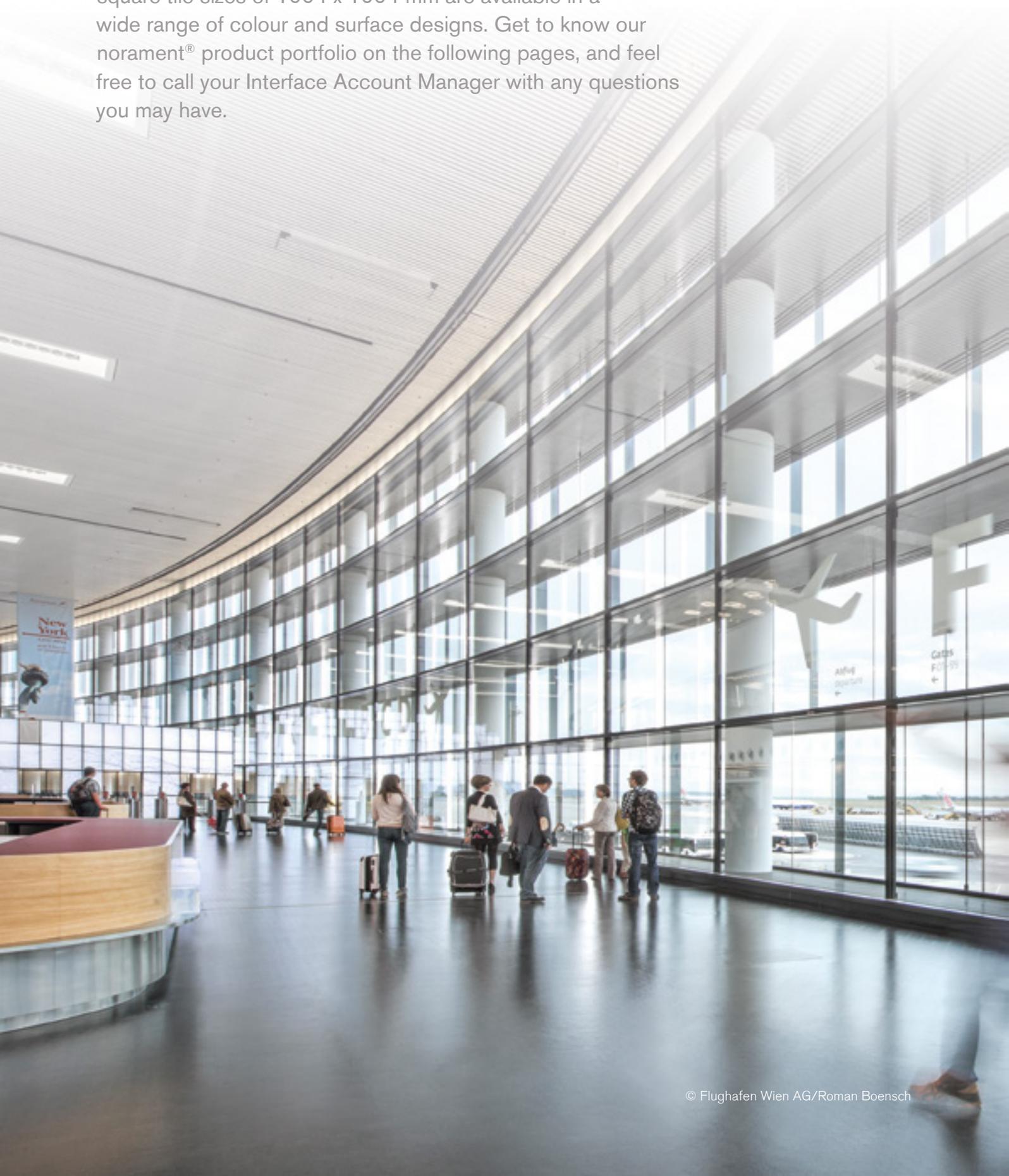
Special floorings

We have developed various special floor coverings for areas subject to special technical standards and requirements. These include floor coverings with electrostatically dissipative or conductive qualities, removable floor coverings or highly specialised solutions for ice rinks, golf facilities, and many more.



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 Interface Account Manager with any questions you may have.





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



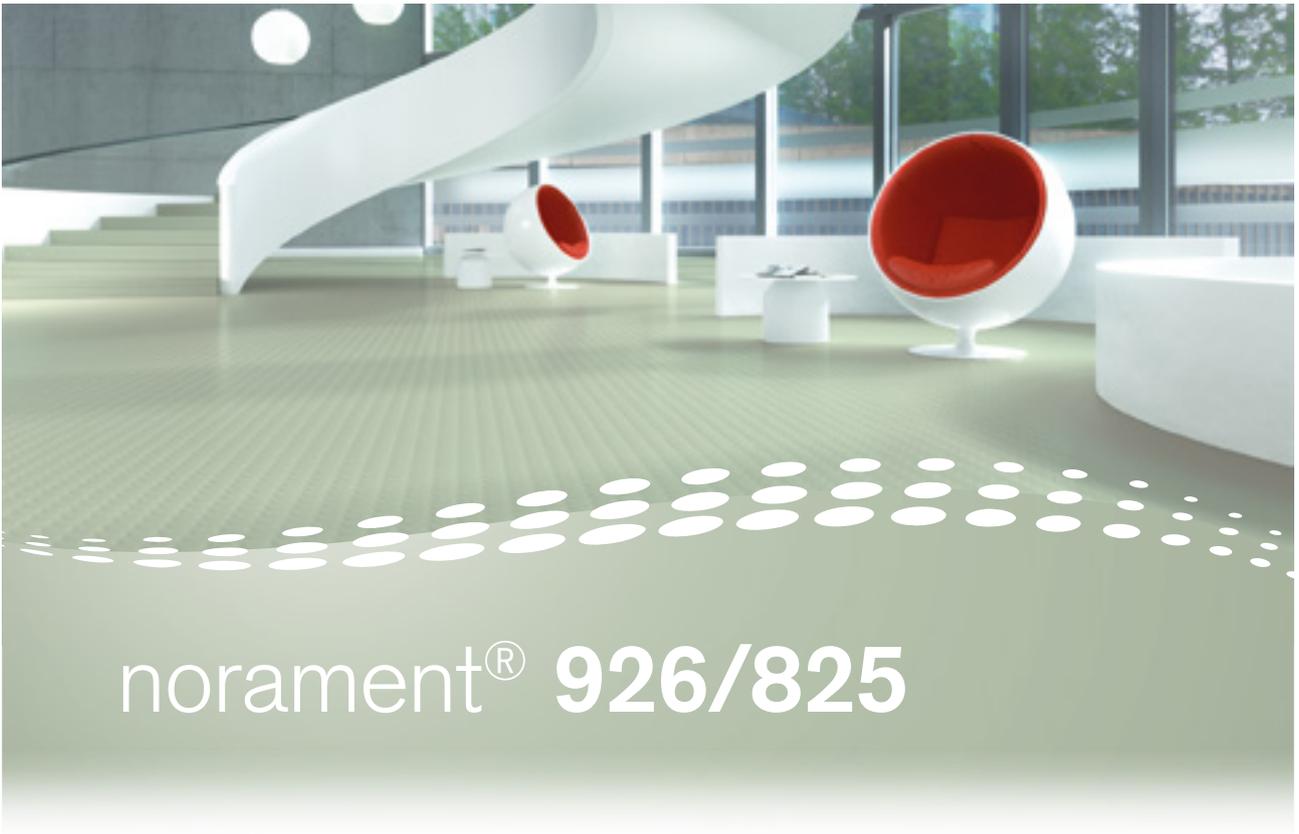
Kita "An der Schutter", Ingolstadt, Germany © Dirk Wilhelmy



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).



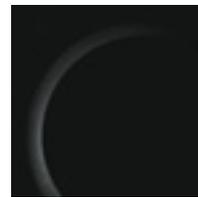
5335



┌ 5336



┌ ⚠ 5337



┌ ⚠ *0702



*6173



┌ *0884



┌ ⚠ *0749



┌ *0716



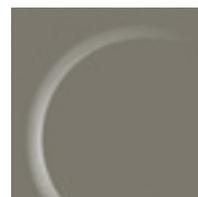
*0170



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5338



┌ ⚠ *0882



5339



5340



┌ ⚠ 0319



┌ *0733



5341



5342



2070



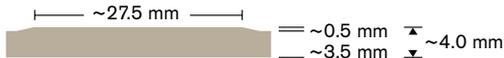
5343

norament® 926

20

Art. 926/354

□ ~1004 mm x 1004 mm



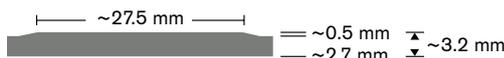
nora® profile connection dimension: E + U
Resists most oils and greases

*** norament® 825**

8

Art. 825/1902

□ ~501 mm x 501 mm



nora® profile connection dimension: D + U

* These colours can also be delivered as norament® 825.

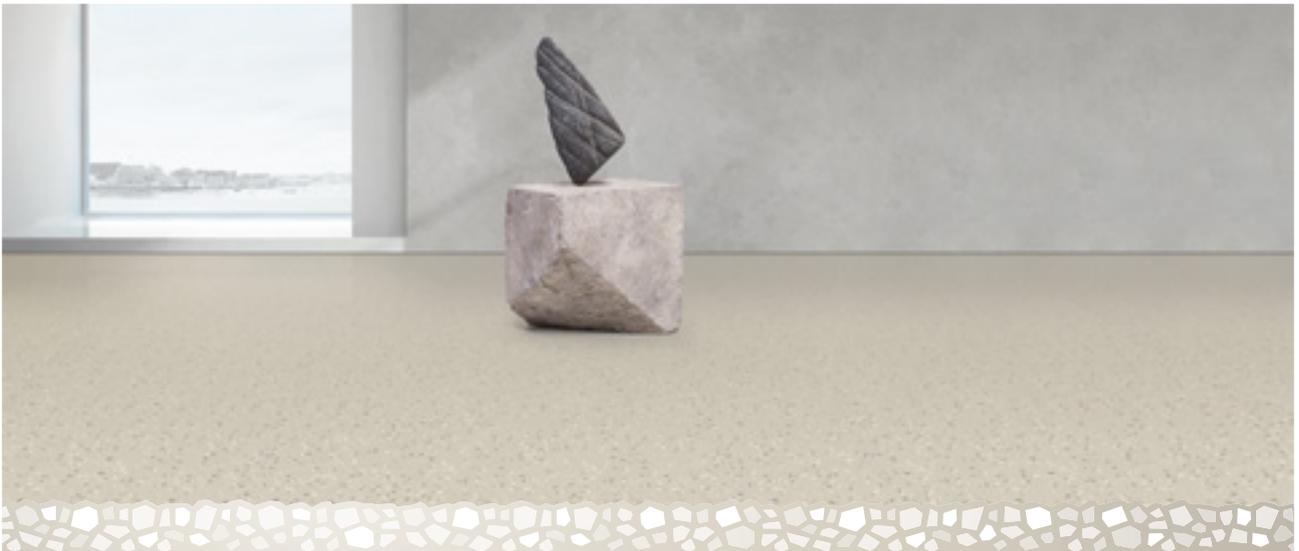
These colours can also be delivered as:

└ Stairtread norament® 926, page 36

⚠ norament® 992
for extreme requirements, page 30

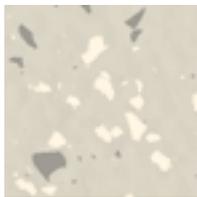
**Special colours are available on request.
Please ask for minimum quantities and delivery times.**





norament® 926 grano

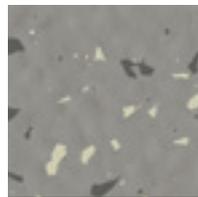
A granular design rich in contrast with a hammerblow surface or a cubic structure for use in extremely heavy-traffic areas.



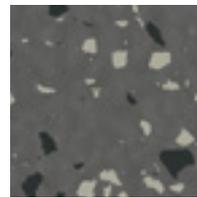
⚡🌱 5301



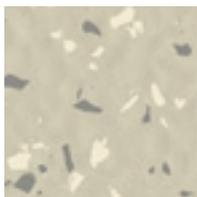
🌱📐⚠️ 5302



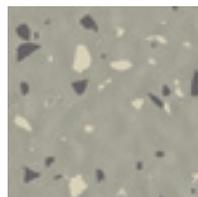
📐🌱📐⚠️ 5303



📐⚡🌱📐⚠️ 5304



🌱 5305



⚡🌱 5306



🌱 5307



🌱⚠️ 5308



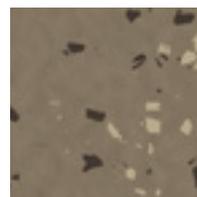
5309



📐 5310



📐 5311



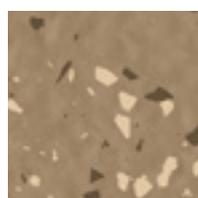
5312



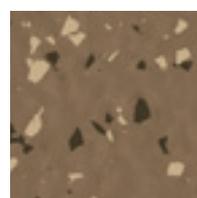
📐 5313



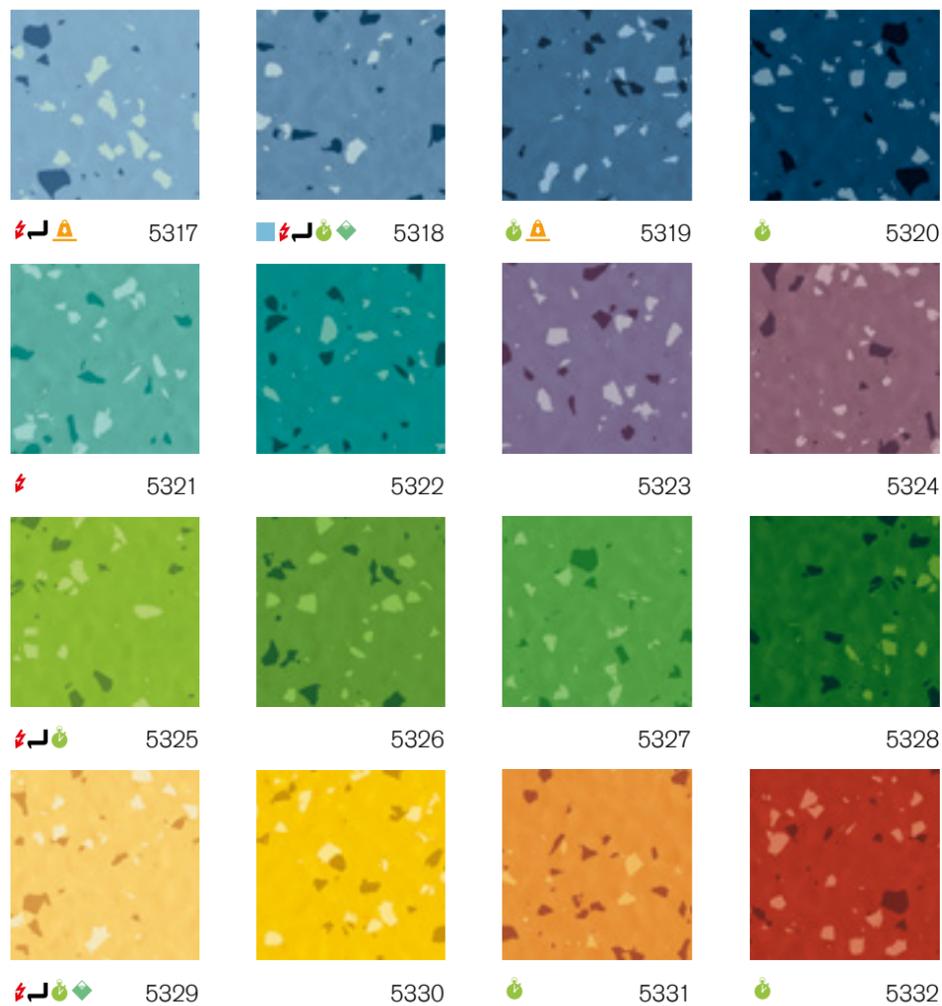
📐📐 5314



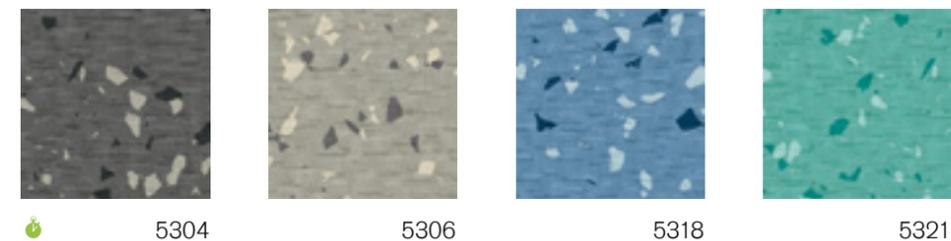
📐🌱 5315



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

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

norament® 926 grano



Art. 926 grano/1911

□ ~610 mm x 610 mm



nora® profile connection dimension: E + U

Resists most oils and greases

These colours can also be delivered as:

- norament® 928 grano ed electrostatically dissipative, page 33
- Stairtread norament® 926 grano, page 37
- norament® 926 grano nTx self-adhesive, page 46
- norament® 975 LL removable, page 28
- norament® 992 grano for extreme requirements, page 31

Additional information on nora® nTx can also be found at ntx.nora.com.

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

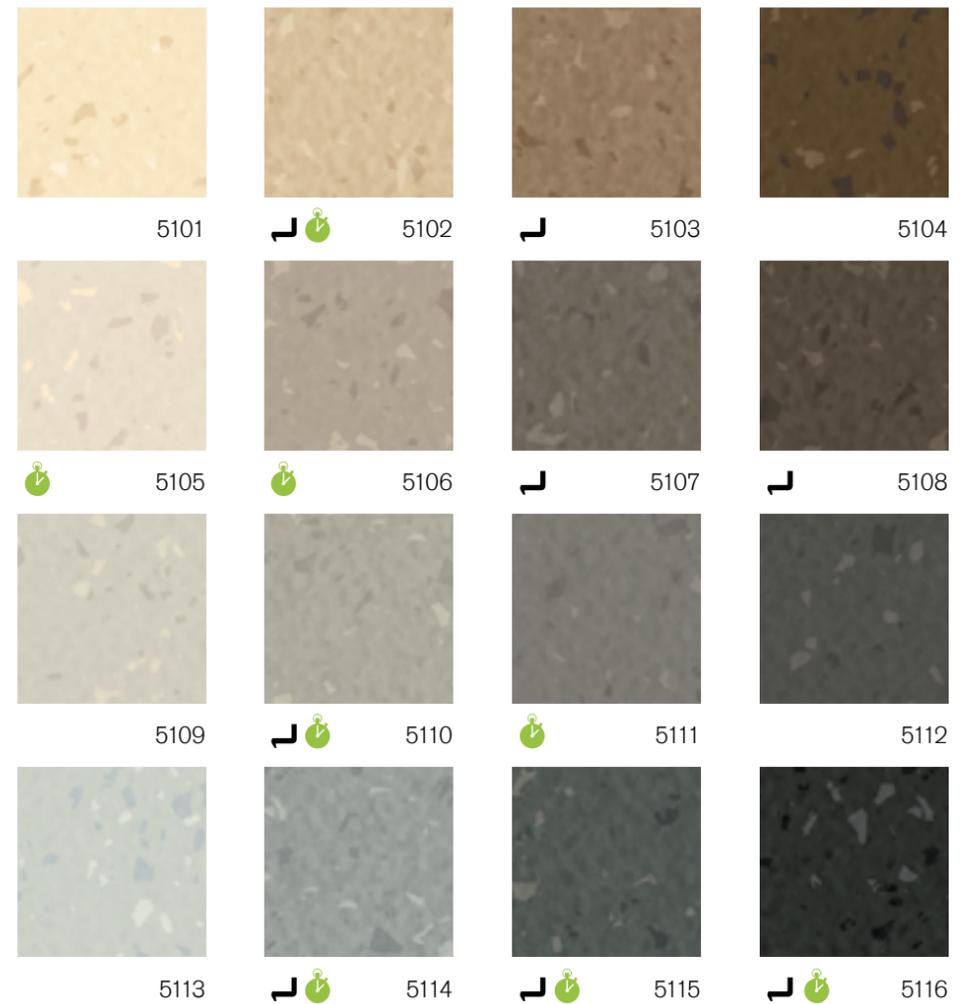


Vehmaan School, Vehmaa, Finland



norament® 926 satura

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



Kita "An der Schutter", Ingolstadt, Germany

© Dirk Wilhelmy



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 38

norament® 926 satura nTx self-adhesive, page 47

Additional information on nora® nTx can also be found at ntx.nora.com.

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



norament® 926 pado

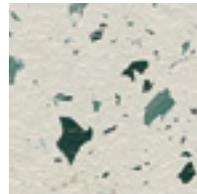
A vivid granular design inspired by ancient terrazzo with a slightly structured two-tone surface for maximum demands.



5501



5502



5503



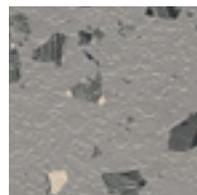
5504



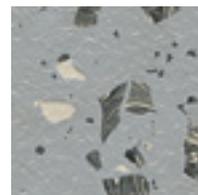
5505



*5506



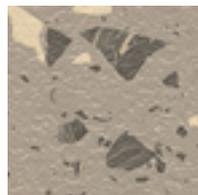
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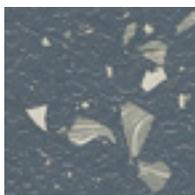
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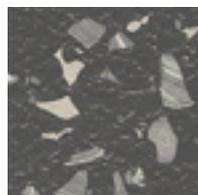
*5511



5512



5513



5514



*5515



*5516

norament® 926 pado

16

Art. 926 pado/3167

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U

Resists most oils and greases

* This colour contains granulate from recycled rubber flooring.

 Also available as norament® 926 pado nTx, page 44

Additional information on nora® nTx can also be found at 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.



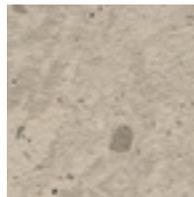
reddot winner 2021



5351



5352



5353



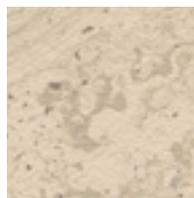
5354



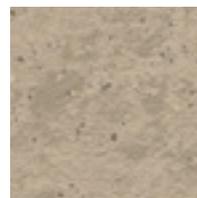
5355



5356



5357



5358

norament® 926 castello



Art. 926 castello/3167

□ ~1004 mm x 1004 mm



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



norament® 926 castello nTx
self-adhesive, page 47

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

Additional information on nora® nTx can also be found at ntx.nora.com.

Special colours are available on request.

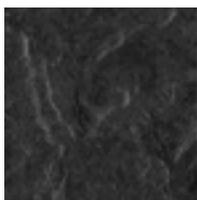
Please ask for minimum quantities and delivery times.



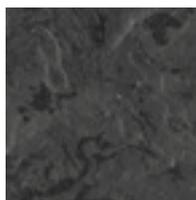


norament® 926 arago

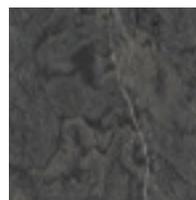
Flat, direction-oriented relief structure with fine grain design and modern marbling for maximum demands. No two tiles are the same – each tile is totally unique.



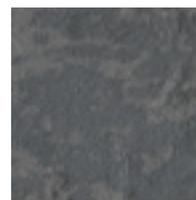
5170



5171



5172



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5175



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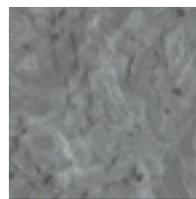
5177



5178



5179



5180



5181

norament® 926 arago

12

Art. 926 arago/3118

□ ~1004 mm x 502 mm


 ~3.5 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


 ~3.5 mm

nora® profile connection dimension: E + U

Resists most oils and greases

These colours can also be delivered as:

 Stairtread norament® 926 arago, page 39

 norament® 926 arago nTx
self-adhesive, page 47

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.

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

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

Additional information on nora® nTx can also be found at nTx.nora.com.

Special colours are available on request.

Please ask for minimum quantities and delivery times.



Cultural center de Warande, Turnhout, Belgium

nora® special floorings

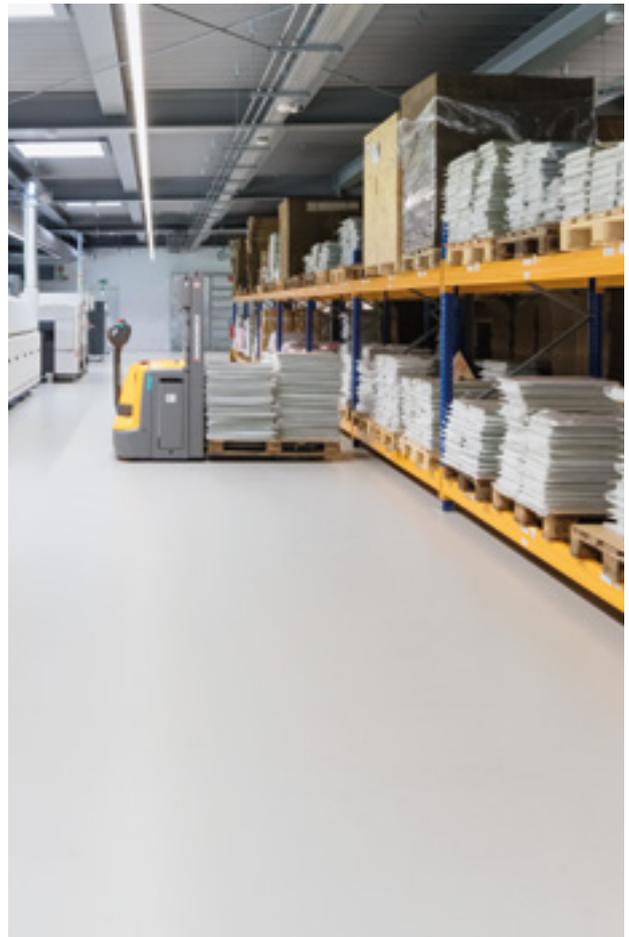
We have developed our special floorings for areas subject to special technical standards and requirements. These include floor coverings with electrostatically dissipative or conductive qualities, or highly specialised solutions for ice rinks, golf facilities, and many more. Get to know the range of 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

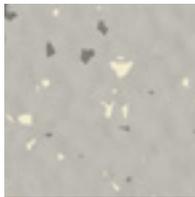
norament® 975 LL

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

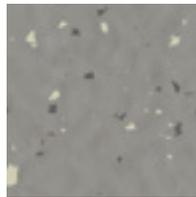
norament 975 LL contains 30% recycled content.



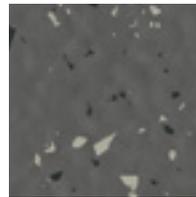
norament® 975 LL · grano design Hammerblow surface



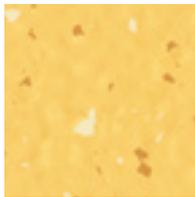
5302



5303



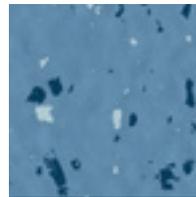
5304



5329



5314



5318

norament® 975 LL

 6

Art. 975 LL/1880

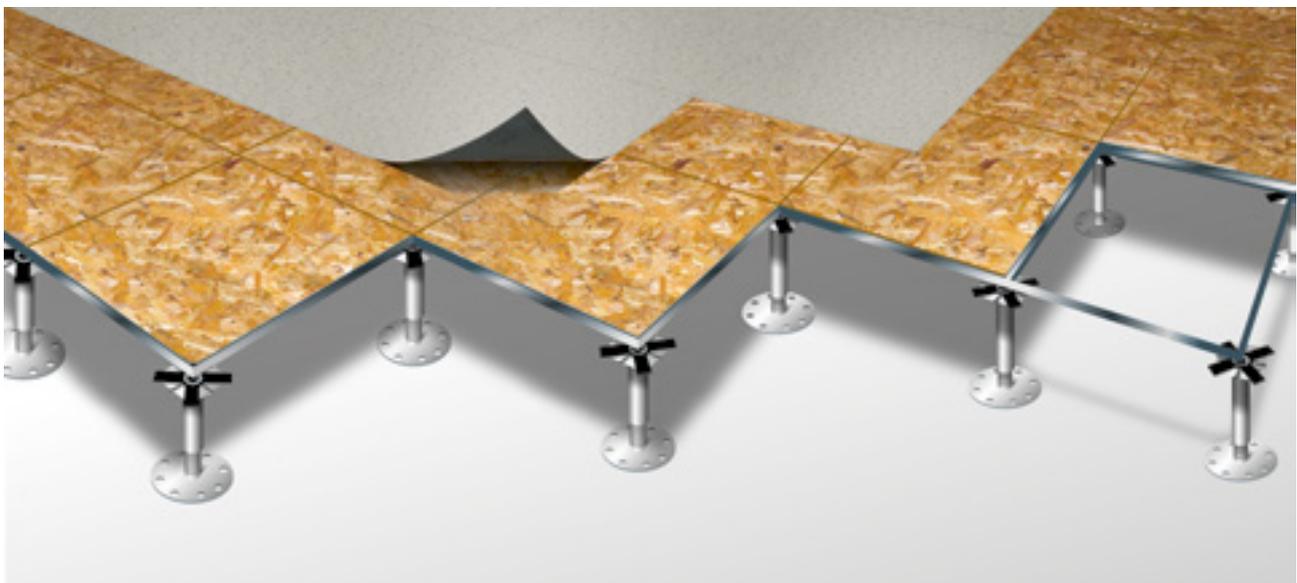
□ ~1000 mm x 1000 mm



nora® profile connection dimension: E + U

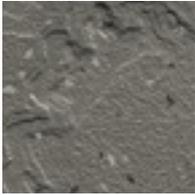
**Special colours are available on request.
Please ask for minimum quantities and
delivery times.**

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.

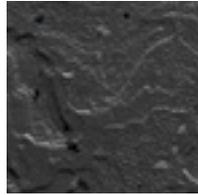


norament® 975 LL · serra design

Relief structure



4930



4929

norament® 975 LL



Art. 975 LL/3042

□ ~1000 mm x 500 mm



nora® profile connection dimension: E + U

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

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

As a genre loose laid flooring may not be the best solution under certain conditions. We are happy to advise you if the floor in your room is subject to:

- High or regular exposure to moisture
- High or frequently occurring dynamic pressure loads (e.g. using forklifts)
- High temperature fluctuations



norament® 992/992 grano

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

norament 992 contains at least 37% recycled content.



norament® 992 · round pastille



0882



5337



0749



2070



0319



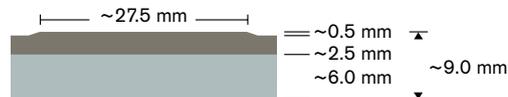
0702

norament® 992



Art. 992/1956

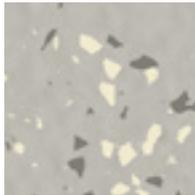
□ ~1002 mm x 1002 mm nora® profile connection dimension: N



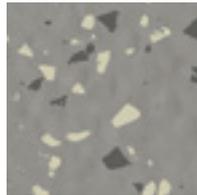
Special colours are available on request.
Please ask for minimum quantities and delivery times.



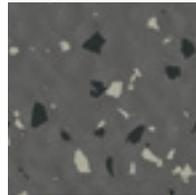
norament® 992 grano · hammerblow surface



5302



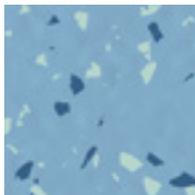
5303



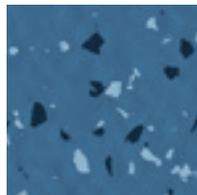
5304



5308



5317



5319

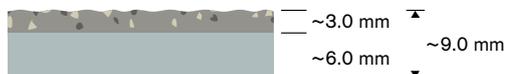
norament® 992 grano



6

Art. 992 grano/1955

□ ~1002 mm x 1002 mm nora® profile connection dimension: N



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



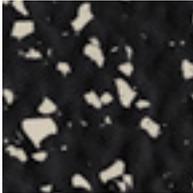
SAP-Arena, Mannheim, Germany

norament® ec ⚡



Electrostatically conductive “ec” floorings for optimum ESD protection of electronic devices and equipment. Suitable for areas with a risk of explosions.

norament® 927 grano ec



4617

norament® 927 grano ec



1

Art. 927 grano ec/1880

□ ~1004 mm x 1004 mm

~3.5 mm

nora® profile connection dimension: E + U

Suitable for fork-lift-truck areas.
Largely resistant to acids and alkalis.

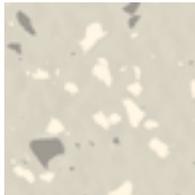


norament® ed ⚡

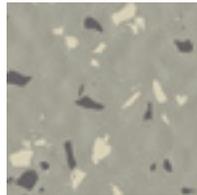


Electrostatically dissipative “ed” floorings for optimum ESD protection of electronic devices and equipment. Protect against electrical shock, resist most oils and greases and are suitable for forklift truck areas.

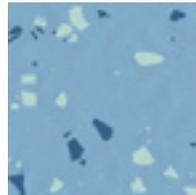
norament® 928 grano ed



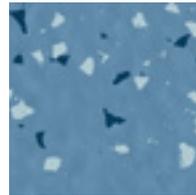
5301



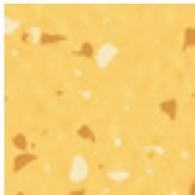
5306



5317



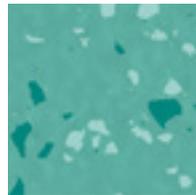
5318



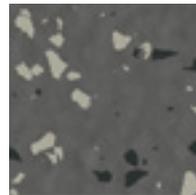
5329



5325



5321



5304

norament® 928 grano ed



Art. 928 grano ed/1880

□ ~1002 mm x 1002 mm



~3.5 mm

nora® profile connection dimension: E + U

norament® 928 grano ed



Art. 928 grano ed/1911

□ ~610 mm x 610 mm



~3.5 mm

nora® profile connection dimension: E + U

Special colours are available on request.

Please ask for minimum quantities and delivery times.

Quick-Installation of nora® ESD floorings

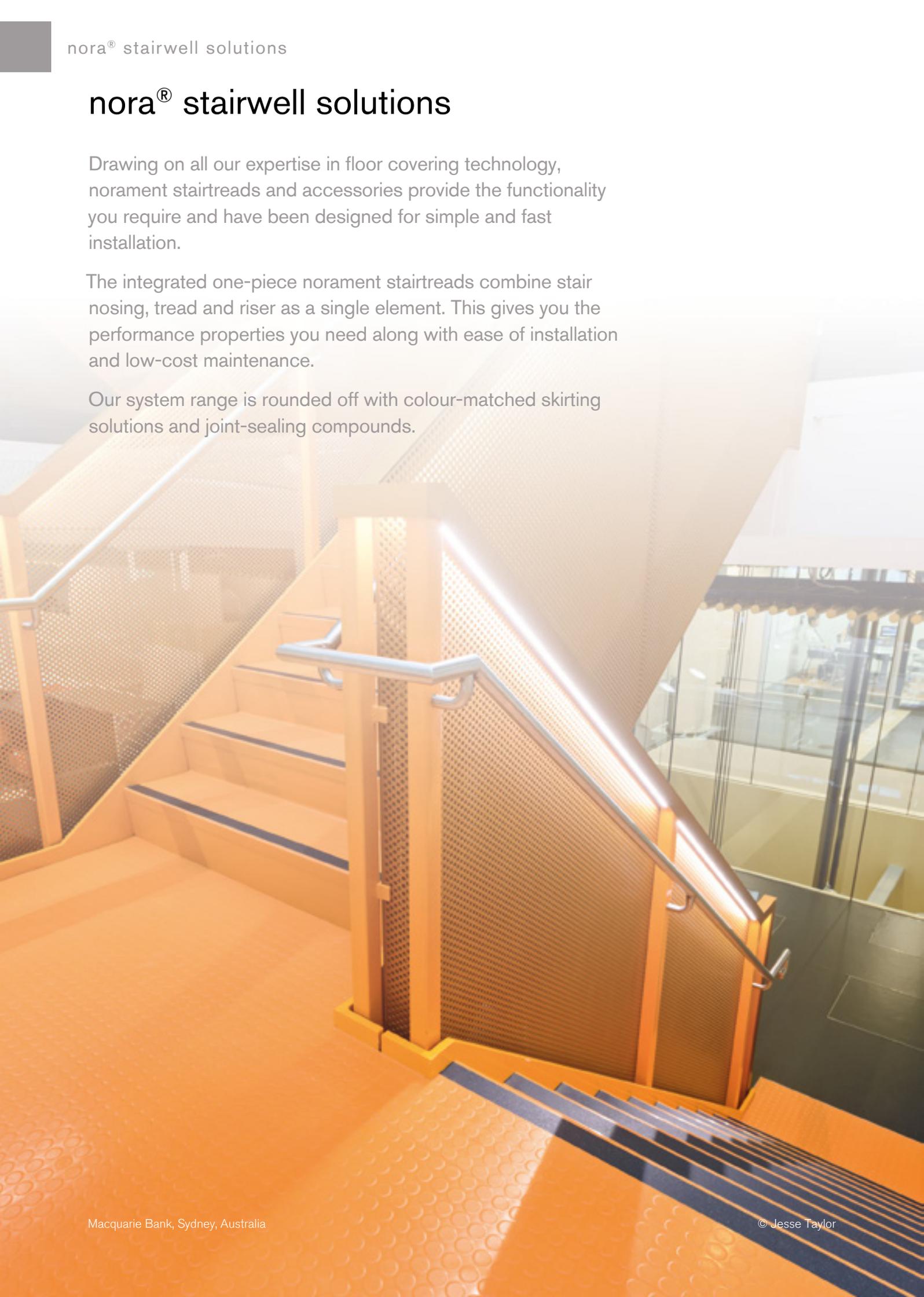
nora ESD floorings can be installed with the unique dry adhesive nora dryfix ed. It accelerates the installation with a high reliability and reduces downtimes significantly. More information can be found on page 50.

nora® stairwell solutions

Drawing on all our expertise in floor covering technology, norament stairtreads and accessories provide the functionality you require and have been designed for simple and fast installation.

The integrated one-piece norament stairtreads combine stair nosing, tread and riser as a single element. This gives you the performance properties you need along with ease of installation and low-cost maintenance.

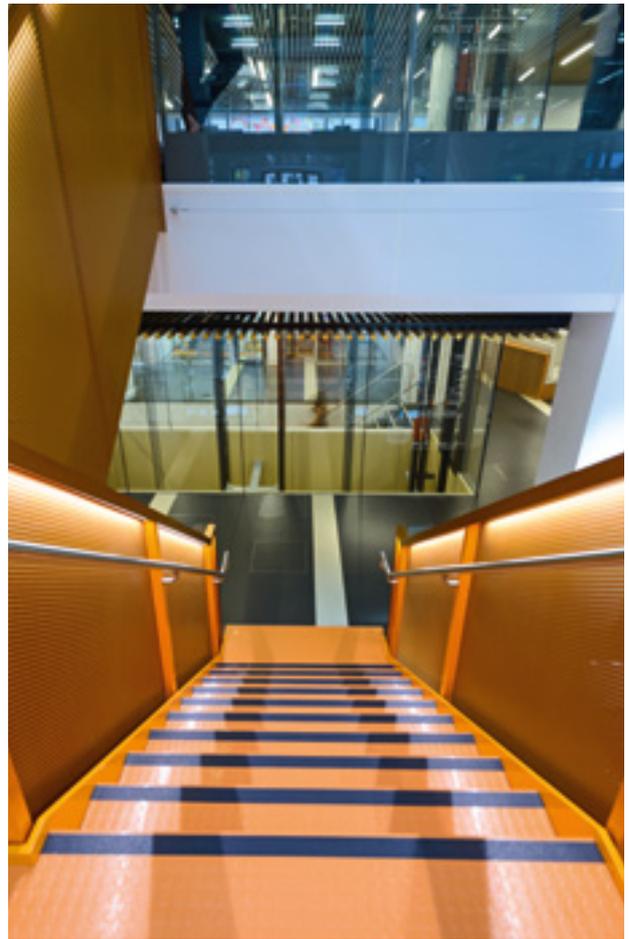
Our system range is rounded off with colour-matched skirting solutions and joint-sealing compounds.





Hammersmith Academy London, UK

© Oliver Heinemann



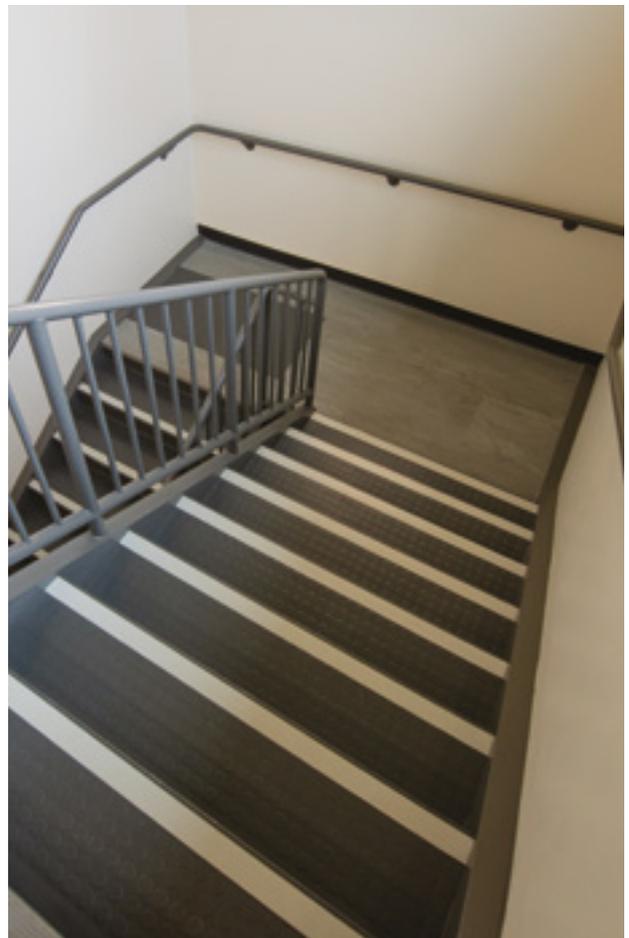
Macquarie Bank, Sydney, Australia

© Jesse Taylor



Professional School Vehmaan Yhtenäiskoulu, Finland

© nora



Fort Saskatchewan Golf & Curling Club, Canada

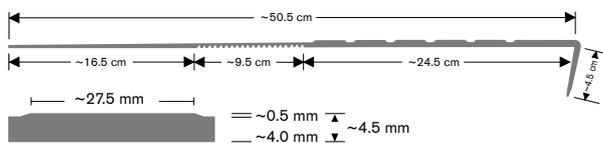
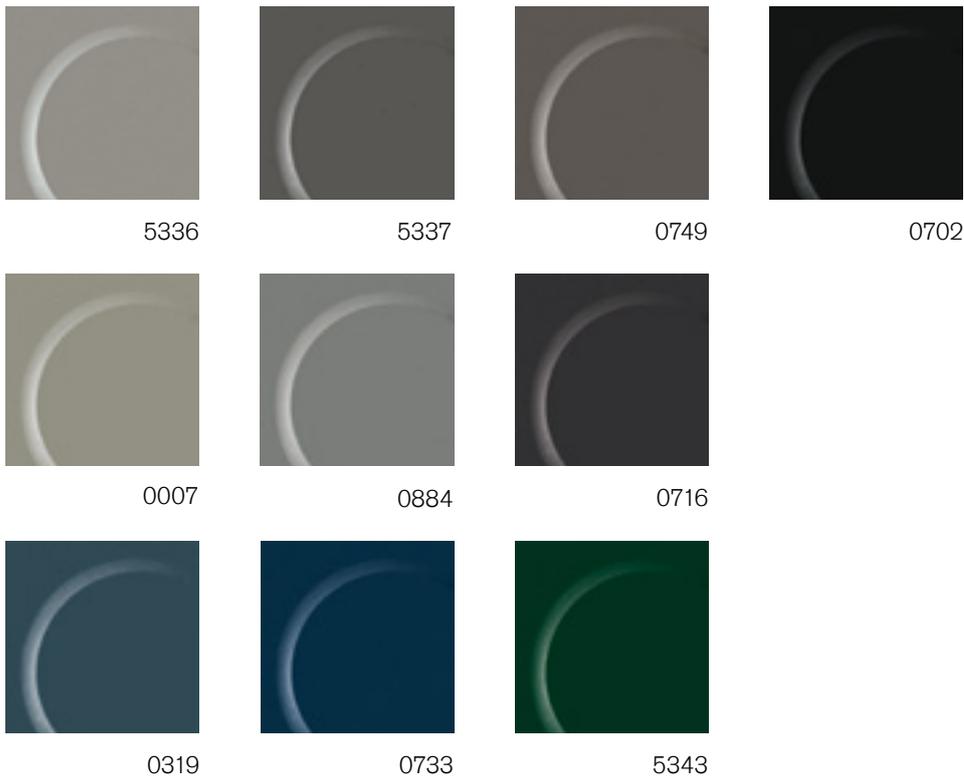
© Michael Manchakowski

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. Improves footfall sound absorption by 12 dB.



Stairtread norament® 926

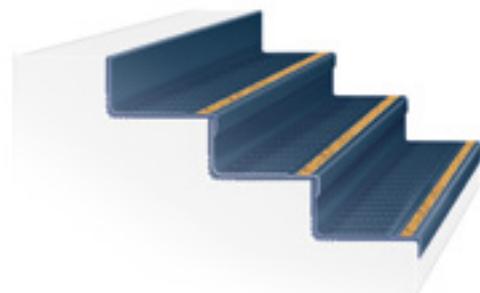
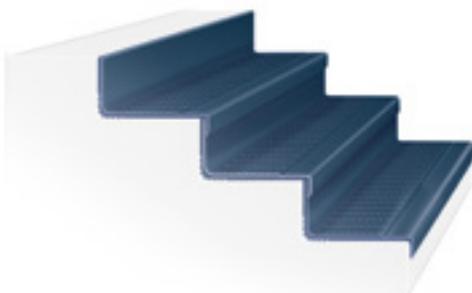
10

- Art. 926/465 – width 1 285 mm
- Art. 926/466 – width 1 614 mm
- Art. 926/467 – width 2 004 mm

Stairtread norament® 926 (with stripes)

10

- Art. 926/3156 – width 1 285 mm
- Art. 926/3161 – width 1 614 mm
- Art. 926/3157 – width 2 004 mm

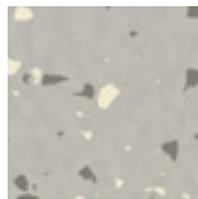


Stairtread norament® 926 grano

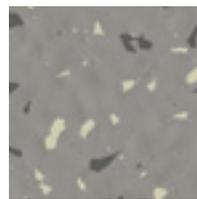
Granular design rich in contrast with a hammerblow surface. Improves footfall sound absorption by 12 dB.



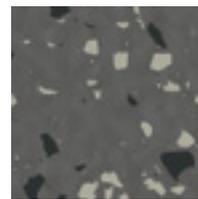
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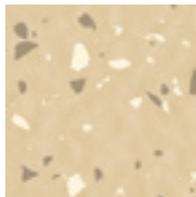
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5303



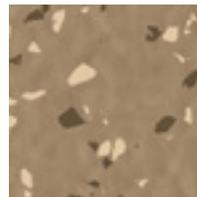
5304



5313



5314



5315



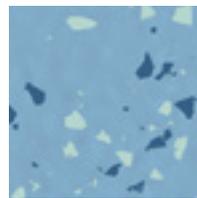
5308



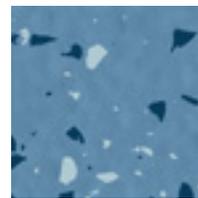
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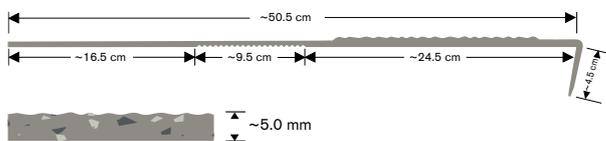
5325



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

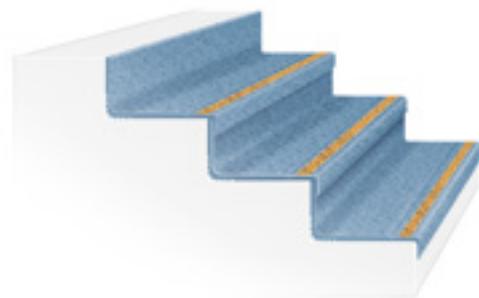
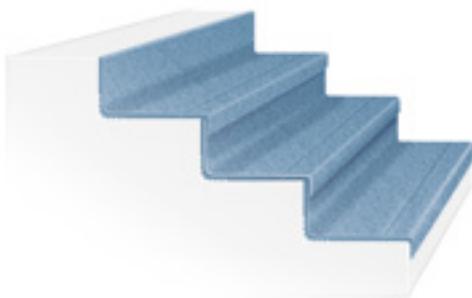
Stairtread norament® 926 grano (with stripes)

12

Art. 926 grano/3159 – width 1 285 mm

Art. 926 grano/3181 – width 1 614 mm

Art. 926 grano/3182 – width 2 004 mm

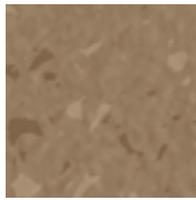


Stairtread norament® 926 satura

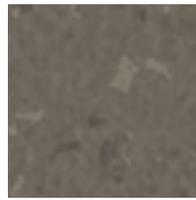
Tone-in-tone granular design with a hammerblow surface. Improves footfall sound absorption by 12 dB.



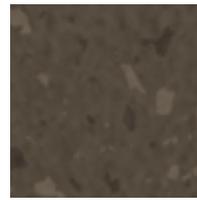
5102



5103



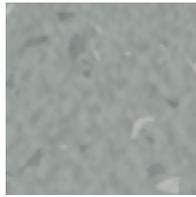
5107



5108



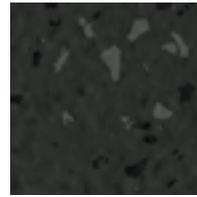
5110



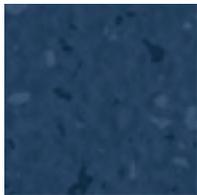
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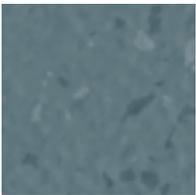
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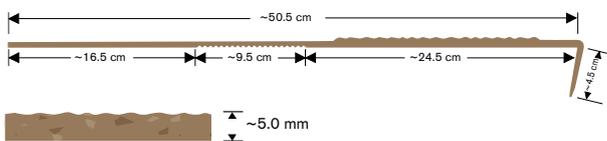
5116



5121



5127



Stairtread norament® 926 satura

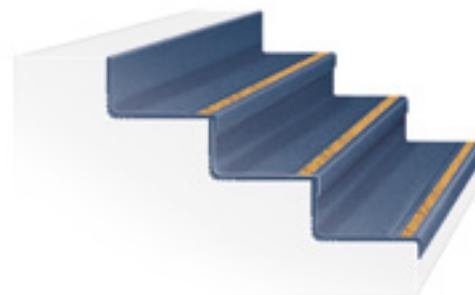
10

- 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 satura (with stripes)

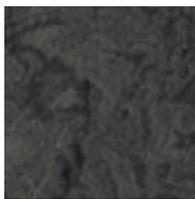
10

- Art. 926 satura/3159 – width 1 285 mm
- Art. 926 satura/3181 – width 1 614 mm
- Art. 926 satura/3182 – width 2 004 mm



Stairtread norament® 926 arago

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



5171



5172



5175



5177

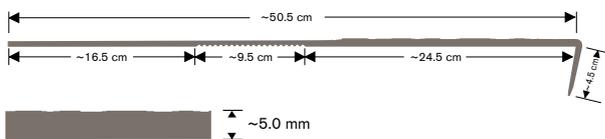


5178



5179

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



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

Stairtread norament® 926 arago (with stripes)

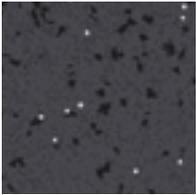


- Art. 926 arago/3183 – width 1 285 mm
- Art. 926 arago/3184 – width 1 614 mm
- Art. 926 arago/3185 – width 2 004 mm

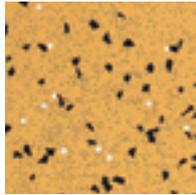


norament® stairtreads with safety stripes

norament stairtreads are additionally equipped with the following safety stripes:



6014



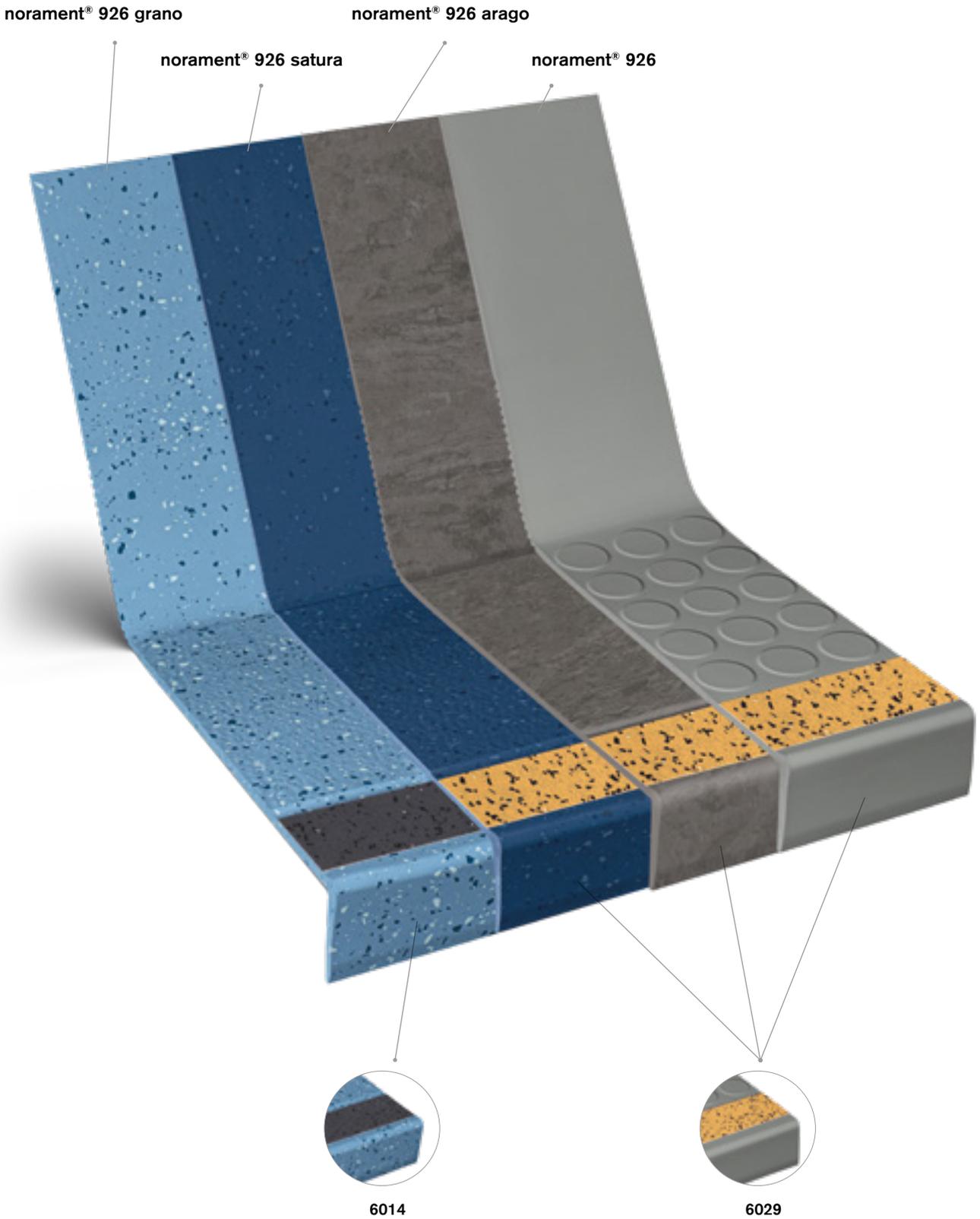
6029

Safety stripes in ultra grip for increased slip resistance in colours yellow 6029 or grey 6014, integrated into the tread area.

Please ask for minimum quantities and delivery times.



Most frequently used stripe combinations



nora® stair accessories

The nora accessory range is made of rubber matched to suit the respective norament floor coverings. They can also be used in combination with other types of flooring. nora profiles are impact and shock resistant and do not shrink. They contain no phthalate plasticisers and retain their functional reliability for many years.

nora® stair angles

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

- 1 TW 7005 U 2 TW 7006 U
- 3 TG 7003 U 4 TG 7004 U

0007	0733	2786	5110	5121	5303	5315	5329
0319	0749	5103	5114	5127	5304	5317	5343
0702	0882	5107	5115	5301	5313	5318	6507
0716	0884	5108	5116	5302	5314	5325	6522

 32

Delivery unit: pieces

nora® skirting and stringer profile

- 5 S 1008 U

 32

Multi-purpose skirting

Delivery unit: rolls of 10 r.m.

Connection profile for nora® stair angles "TW"

- 6 A 5013 U

 32

For landings and ramps

Delivery unit: in units of 2.5 r.m.

Connection profile for nora® stair angles "TG"

nora® stair margin

- 7



 2

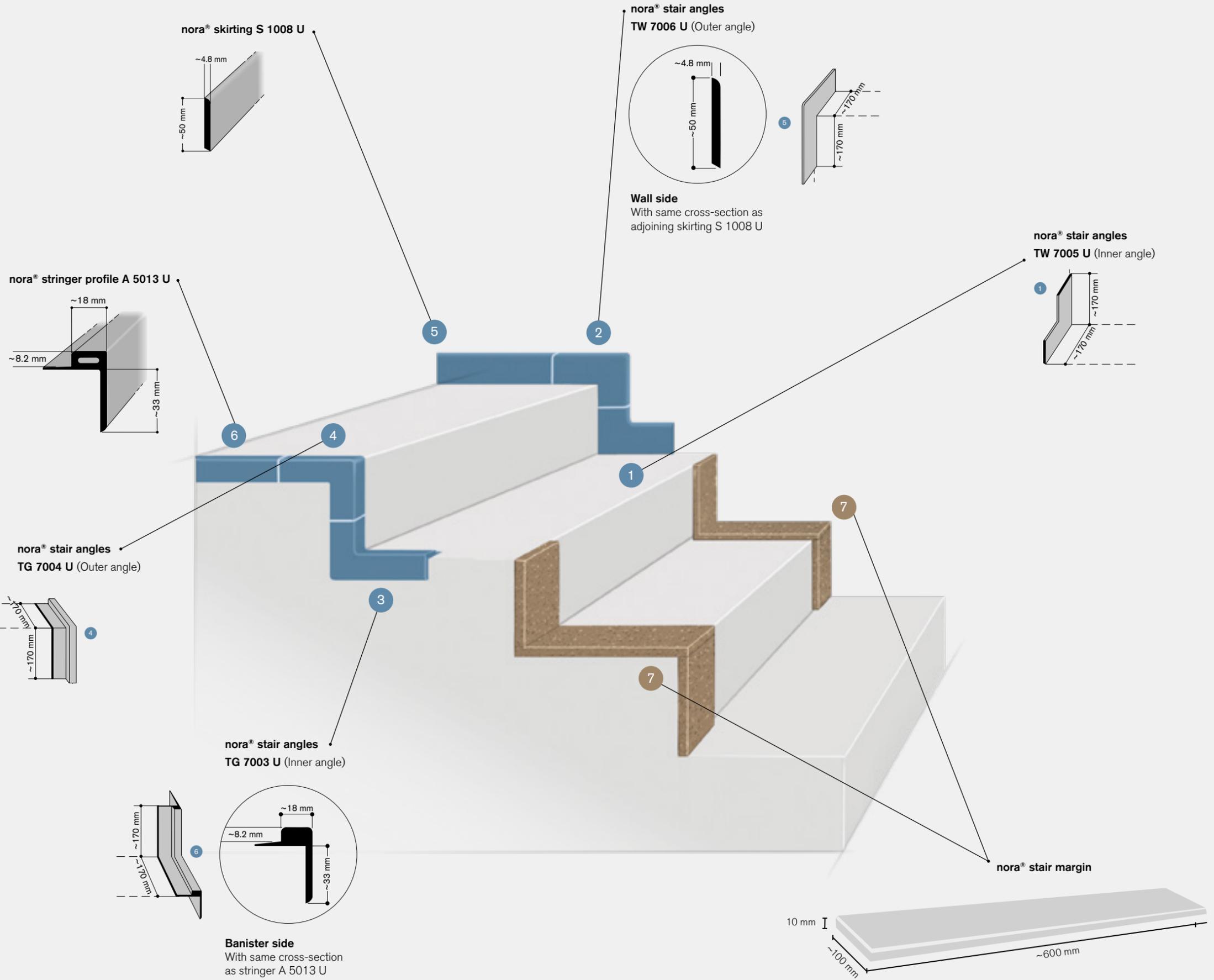
For wall and banister side. Hammerblow surface with granular design.

Art. 819

~600 mm x 100 mm

Thickness 10 mm

Supplied as: pieces



nora® stepfix 240

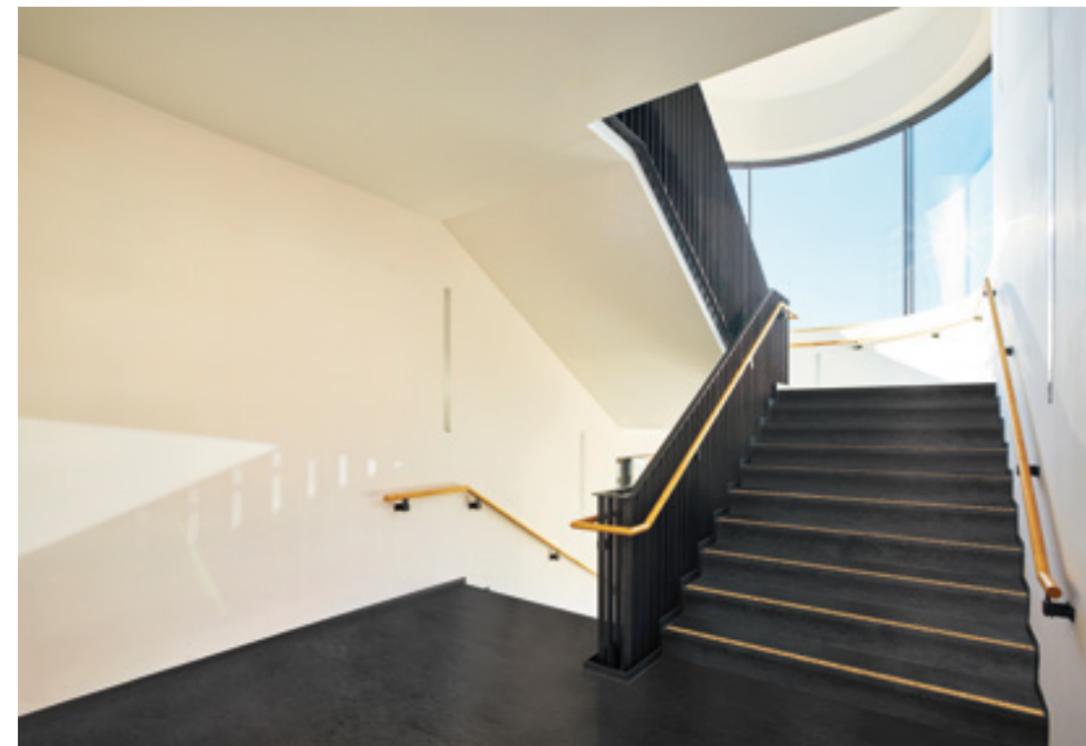
Special roll-type dry adhesive

For quick installation of norament® stairtreads and nora® stair margin.

A cost-effective innovation in adhesives. Suitable for new builds and renovation projects.
Advantages: 3-5 times faster to install, odourless, can be walked on immediately, economical and reliable thanks to excellent bonding performance.

Art. 907

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



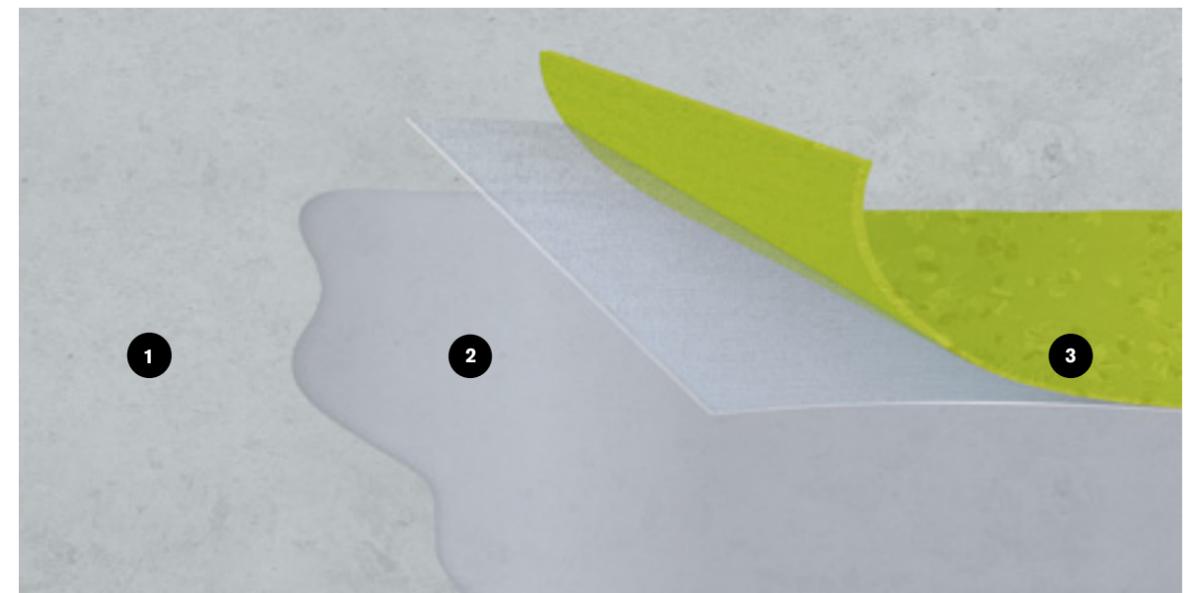
© nora

nora® install

nora® nTx

The revolutionary quick installation system

nora nTx is a unique technology for the professional installation of nora rubber floor coverings. Ingeniously simple – nora nTx brings its adhesive strength along from the factory. The flooring is cleanly and safely installed in only a few steps and immediately ready for use. And this can be done on the concrete or cement screed subfloors typical in new construction, as well as over other existing floor coverings. Even high residual moisture in the subfloor is not a problem for nora nTx.



1 Subfloor 2 Primer 3 nora® nTx floor covering with self-adhesive back



Our norament standard floor coverings that come with nora nTx 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. nora nTx was awarded the “Plus X Award” in the “High Quality and Functionality” category.

nora® stair accessories

The advantages at a glance



Reliable installation result

nora® nTx reduces installation problems: no bubbles, no residual indentations, no seams.



Immediate usability

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



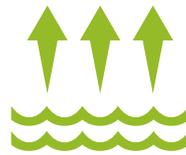
High efficiency

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 builds also possible with increased residual moisture in the subfloor.

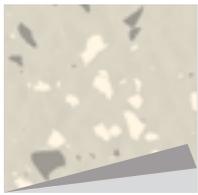


Covering-over-covering installation

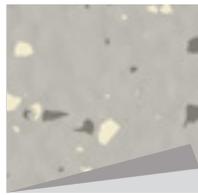
In the case of renovations, installation is possible directly over existing floor coverings in just a few steps.



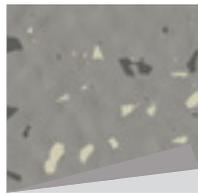
norament® 926 grano nTx · hammerblow surface



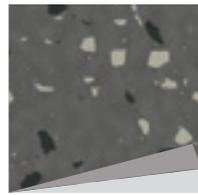
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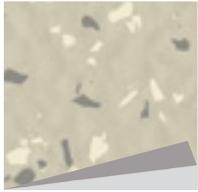
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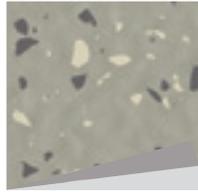
5303



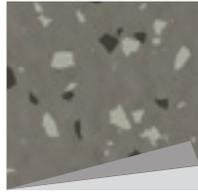
5304



5305



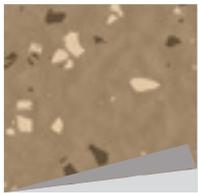
5306



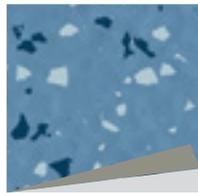
5307



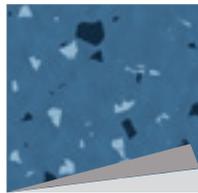
5308



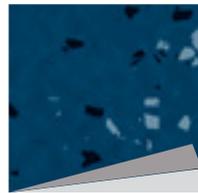
5315



5318



5319



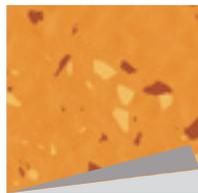
5320



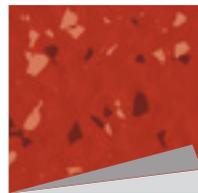
5325



5329



5331



5332

Art. 3111

□ ~1004 mm x 1004 mm



~3.6 mm

nora® profile connection dimension: E + U

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

norament® 926 grano nTx · cubic structure



5304

Art. 3127

□ ~1004 mm x 1004 mm

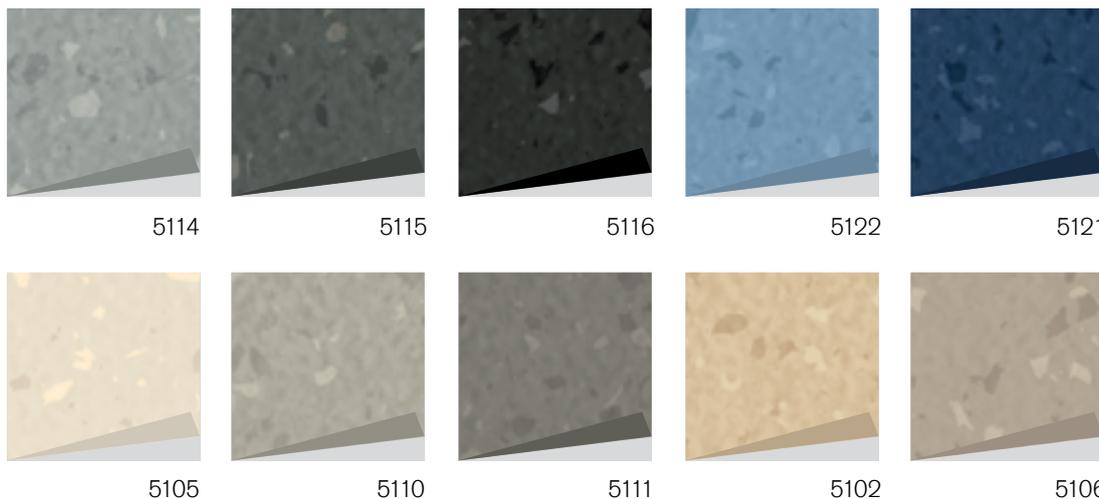


~3.6 mm

nora® profile connection dimension: E + U

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

norament® 926 satura nTx · hammerblow surface



Art. 3111

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U

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

norament® 926 arago nTx · relief structure



Art. 3122

□ ~1004 mm x 502 mm

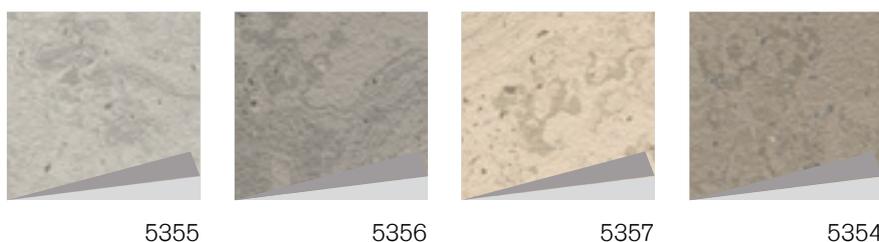


nora® profile connection dimension: E + U

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.**

norament® 926 castello nTx · two-tone surface



Art. 3177

□ ~1004 mm x 1004 mm



nora® profile connection dimension: E + U

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

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

-  22*
SA 7002 A
-  22*
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

-  22*
S 3003 A
-  22*
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

-  22*
SI 7001 A
-  22*
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

-  41*
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

-  102*
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

-  32*
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

Skirting, S 1023 U

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

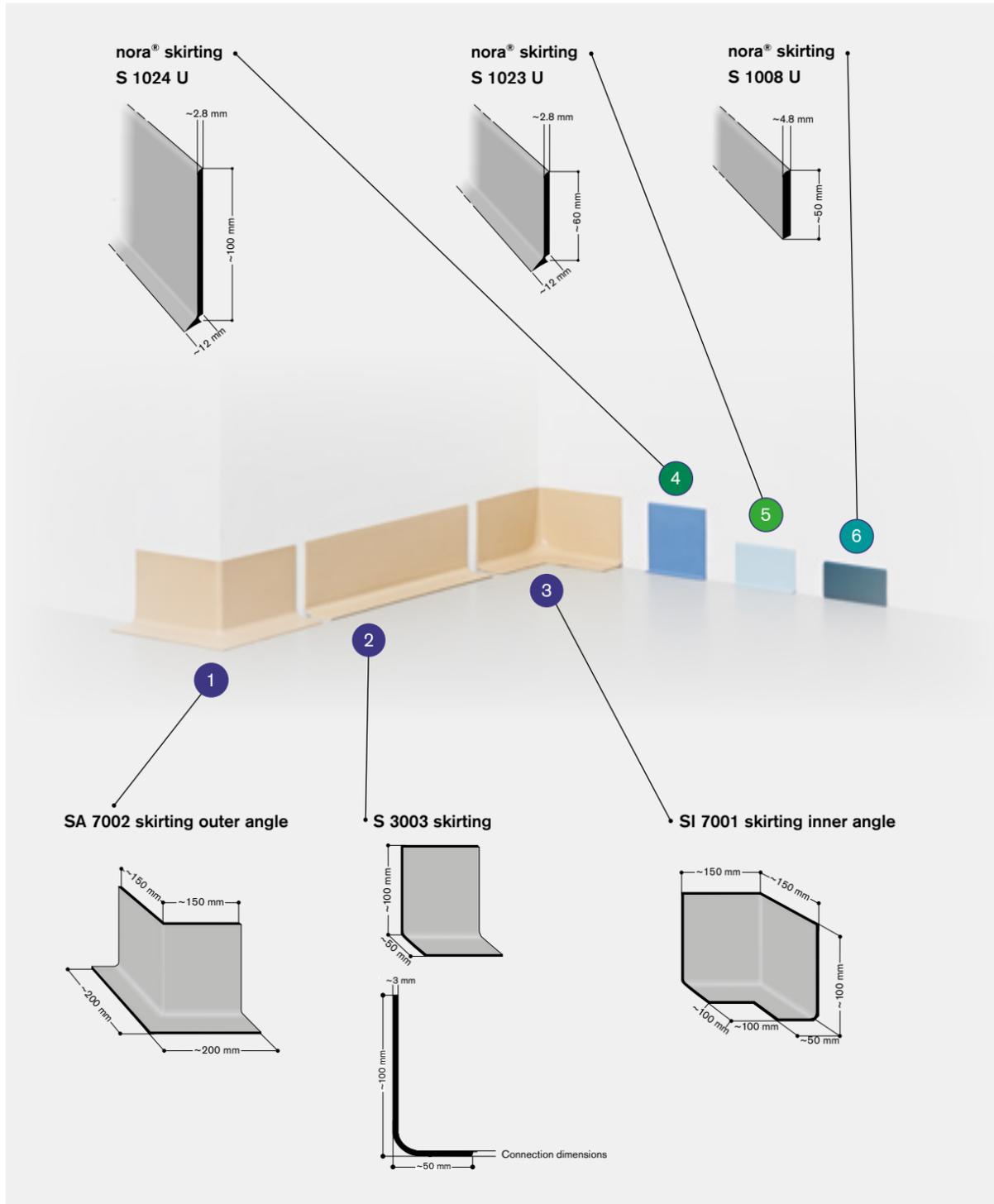
Skirting, S 1024 U

0007	0882	1279	2382	2946	5306	6506	6513	6523	7049
0319	0884	1385	2666	4877	5318	6507	6516	6525	7065
0702	1146	1862	2925	5301	6173	6508	6517	7033	7066
0716	1150	2099	2944	5304	6503	6509	6522	7047	7067
0749									

Skirting, S 1008 U

0007	0733	2786	5108	5115	5127	5303	5314	5318	5343
0319	0749	5103	5110	5116	5301	5304	5315	5325	6507
0702	0882	5107	5114	5121	5302	5313	5317	5329	6522
0716	0884								

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



Skirting, S 3003 A/S 3003 D

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

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

Skirting, S 3003 E

Skirting inner angle, SA 7002 E/SI 7001 E

5301	5304	5306	5317	5318	5321	5325	5329
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Joint sealing compound

0007	2647	5111	5307	5361	6500	6528	7001	7038	7066	7116
0131	2666	5112	5308	5362	6501	6529	7002	7039	7067	7117
0319	2681	5113	5310	5363	6502	6530	7003	7040	7068	7118
0597	2781	5114	5311	5364	6503	6531	7004	7041	7069	7119
0702	2786	5115	5313	5365	6504	6532	7005	7042	7070	7120
0716	2787	5116	5314	5366	6505	6533	7006	7043	7071	7201
0733	2848	5117	5315	5367	6506	6534	7007	7044	7072	7202
0749	2897	5118	5317	5368	6507	6535	7008	7045	7073	7203
0882	2931	5119	5318	5508	6508	6536	7009	7046	7074	7204
0884	2932	5120	5319	5509	6509	6537	7010	7047	7075	7205
1146	2940	5121	5321	5512	6510	6601	7011	7048	7076	7206
1150	2944	5122	5324	5513	6511	6603	7012	7049	7077	7207
1253	2946	5123	5325	6007	6512	6613	7013	7050	7078	7208
1254	2951	5124	5329	6009	6513	6620	7014	7051	7101	7209
1279	2962	5125	5332	6014	6514	6624	7015	7052	7102	7210
1385	2981	5126	5335	6015	6515	6703	7016	7053	7103	7211
1578	4877	5127	5336	6016	6516	6708	7017	7054	7104	7212
1581	4881	5128	5337	6019	6517	6716	7018	7055	7105	7213
1582	5101	5129	5342	6020	6518	6720	7019	7056	7106	7214
1585	5102	5130	5343	6056	6519	6730	7020	7057	7107	7216
2070	5103	5131	5351	6102	6520	6901	7021	7058	7108	7217
2142	5104	5132	5352	6114	6521	6902	7031	7059	7109	7218
2226	5105	5301	5353	6129	6522	6903	7032	7060	7110	7219
2306	5106	5302	5354	6172	6523	6905	7033	7061	7111	7220
2382	5107	5303	5355	6178	6524	6912	7034	7062	7112	7221
2452	5108	5304	5356	6179	6525	6916	7035	7063	7113	7222
2454	5109	5305	5357	6325	6526	6918	7036	7064	7114	7223
2457	5110	5306	5358	6449	6527	6923	7037	7065	7115	7224

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

nora® special range

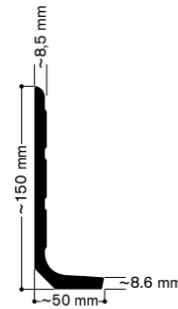
The special range offers profiles with different cross-sections for further applications.

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 builds and renovations.
Advantages: 5 times as quick, can be walked on immediately, odourless, economic, low-emission and reliable.

Art. 6556
Delivery unit: 1 roll of 30 r.m. in one carton

nora dryfix™ ed

Conductive dry adhesive supplied in rolls

For the permanent fixing of electrostatically dissipative or conductive nora® floor coverings. Suitable for new builds, renovations and on top of existing floor coverings.
Advantages: 5 times as quick, can be walked on immediately, odourless, economic, low-emission and reliable.

Art. 6556
Delivery unit: 1 roll of 30 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® 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® joint sealing compound

For all nora® floor coverings

It is not generally necessary to seal nora® floor coverings. 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.



nora® pads

nora® pads are suitable for daily cleaning and intensive cleaning on extremely soiled norament® 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

nora® pad 0 – 10"		Ø 254 mm	delivery unit: 4 pieces in one carton
nora® pad 0 – 13"		Ø 330 mm	delivery unit: 4 pieces in one carton
nora® pad 0 – 14"	nora® Pad 0 for the cleaning with machines for norament® floor coverings with two-tone surface:	Ø 356 mm	delivery unit: 4 pieces in one carton
nora® pad 0 – 16"		Ø 406 mm	delivery unit: 4 pieces in one carton
nora® pad 0 – 17"		Ø 431 mm	delivery unit: 1 or 4 pieces in one carton
nora® pad 0 – 20"		Ø 508 mm	delivery unit: 1 or 4 pieces in one carton

for polishing cleaned floor coverings with a high speed machine for norament® floor coverings with two-tone surface:

Art. 6627

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

Art. 6628

nora® pad 2 – 17"	nora® Pad 2 for intermediate and intensive cleaning with a single disk machine for norament® floor coverings with hammerblow surface or cubic structure:	Ø 431 mm	delivery unit: 1 or 4 pieces in one carton
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Art. 6629

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





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

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

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.



Children's Hospital Colorado, USA

© John Wagman Global Photo Associates

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 pado 926 satura	825	992 992 grano	975 LL
CE conformity	EN 14041		← Manufacturer: nora systems GmbH, D-69469 Weinheim →				
DoP-No.	EN 14041		0021		0004	0023	0024
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(mK)}$	← Fulfilled →				
Dynamic coefficient of friction	EN 13893	DS	← Fulfilled →				
Reaction to fire	EN 13501-1	Not bonded	C _r -s1		C _r -s1	C _r -s2	B _r -s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B _r -s1		B _r -s1	C _r -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		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	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	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	0.25 mm	0.07 mm	
Abrasion resistance at 5 N load	ISO 4649, procedure A	≤ 250 mm ³	115 mm ³	115 mm ³	130 mm ³	90 mm ³	120 mm ³	
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	

Additional technical properties

Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic		-	-	-
Anti-slip properties	DIN 51130	According to DGVU 108-003	R 9	R 9 926 grano/Art. 1880 = R 9 926 grano/Art. 1870 = R 10 arago = R 10	R 9	R 9	R 9 975 LL serra = R 10
	DIN 51097		A	926 grano/Art. 1870 = A, B arago = A, B	-	-	-
	AS 4586-2013 AppA		P1	P1 arago P2	P1	P1	P1
Improvement in footfall sound absorption	ISO 10140-3		12 dB	10 dB	9 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 ⁹ Ohm →				
Electrical propensity when walked upon	EN 1815		← Antistatic, charging in case of rubber soles < 2 kV →				
Effect of a castor chair	EN ISO 4918		← Suitable if castor wheels, type W, according to EN 12529 are used →				
Underfloor heating	EN 1264-2		← Suitable, max. 35° C →				
Critical Radiant Flux	AS ISO 9239.1	≥ 4.5kW/m ²	> 8.0kW/m ²	> 7.5kW/m ²	> 5.5kW/m ²	> 6.0kW/m ²	> 9.0kW/m ²
Smoke Development Rate	AS ISO 9239.1	< 750%/min	< 300%/min	< 300%/min	< 400%/min	< 750%/min	< 300%/min

* 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
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.

nora[®] nTx

	Test method	Requirements	Average test results from running production
			norament[®]
			926 arago nTx 926 castelo nTx 926 grano nTx 926 pedo nTx** 926 satira nTx
CE conformity	EN 14041		Manufacturer: nora systems GmbH, D-69469 Weinheim
DoP-No.	EN 14041		0031
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m}\cdot\text{K)}$	Fulfilled
Dynamic coefficient of friction	EN 13893	DS	Fulfilled
Reaction to fire	EN 13501-1		C _f -s1, bonded
Properties acc. to EN 1817			
Thickness	EN ISO 24346	Mean value $\pm 0.15 \text{ mm}$ according to EN 1817	3.6 mm
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.2 \%$
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) \geq level 4 Procedure B (burning) \geq level 3	Fulfilled
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled
Hardness	ISO 48-4	$\geq 75 \text{ Shore A}$	82 Shore A
Residual indentation	EN ISO 24343	norament [®] nTx: Mean value $\leq 0.25 \text{ mm}$ at thickness $\geq 3.0 \text{ mm}$ Mean value $\leq 0.20 \text{ mm}$ at thickness $< 3.0 \text{ mm}$	0.15 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	115 mm ³
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	34/43
Additional technical properties			
Weight	EN ISO 23997		$\sim 5.40 \text{ kg/m}^2$
Tear strength	ISO 34-1, method B, procedure A		35 kN/m
Slip resistance	DIN 51130	According to DGUV 108-003	R 9* R 10* (arago nTx, grano nTx with cubic structure)
	AS 4586-2013 AppA		P1 P2 arago
Improvement in footfall sound absorption	ISO 10140-3		8 dB
Effect of chemicals	EN ISO 26987	Depending on concentration and time of exposure	Resistant ^(A)
Electrostatic behaviour when walked upon	EN 1815		Antistatic, charging in case of rubber soles $< 2 \text{ kV}$
Effect of a castor chair	EN ISO 4918		Suitable if castor wheels, type W, according to EN 12529 are used
Fire behaviour/smoke behaviour			
		Fulfills the requirements	
Fire behaviour	EN 13501-1		C _f -s1, bonded
	EN 45545	Hazard Level	
Fire behaviour	ASTM E-648 / ISO 9239-1	Federal Railroad Administration	
Smoke density	ASTM E-662		
Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic
Critical Radiant Flux	AS ISO 9239.1	$\geq 4.5 \text{ kW/m}^2$	$> 8.0 \text{ kW/m}^2$
Smoke Development Rate	AS ISO 9239.1	$< 750\%/\text{min}$	$< 550\%/\text{min}$
Adhesive characteristics			
Description			Pressure-sensitive hot melt adhesive
Softening range	Ring & Ball		approx. 122 - 134 °C
VOC			0 %

* Tested and certificated by an independent testing institute.

** Minimum quantities required.

^(A) 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[®] ESD floor coverings

	Test method	Requirements	Average test results from running production	
			928 grano ed	927 grano ec
			Manufacturer: nora systems GmbH, D-69469 Weinheim	
CE conformity	EN 14041			
DoP-No.	EN 14041		0005	0022
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m·K)}$	Fulfilled	
Dynamic coefficient of friction	EN 13893	DS	Fulfilled	
Electrical behaviour	EN 1081	$ed = \leq 10^8 \text{ Ohm}$	Fulfilled	
		$ec = \leq 10^6 \text{ Ohm}$		Fulfilled
Reaction to fire	EN 13501-1	Not bonded	C_{fr} -s1, bonded	C_{fr} -s2
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	C_{fr} -s1	C_{fr} -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
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.2 \%$	
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 (stubbed out) \geq level 4 Procedure B (burning) \geq level 3	Fulfilled	
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled	
Hardness	ISO 48-4	$\geq 75 \text{ Shore A (EN 1817)}$	84 Shore A	90 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 $\geq 2.5 \text{ mm}$	-	
		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 ³	90 mm ³
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	
Additional technical properties				
Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic	-
Anti-slip properties	DIN 51130	According to DGUV 108-003	R 9	
	AS 4586-2013 AppA		P1	
Improvement in footfall sound absorption	ISO 10140-3		10 dB	10 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure*	
Effect of a castor chair	EN ISO 4918		Suitable if castor wheels, type W, according to EN 12529 are used	
Underfloor heating	EN 1264-2		Suitable, max. 35° C	
Critical Radiant Flux	AS ISO 9239.1	$\geq 4.5 \text{ kW/m}^2$	$\geq 4.5 \text{ kW/m}^2$	
Smoke Development Rate	AS ISO 9239.1	$< 750\%/\text{min}$	$< 750\%/\text{min}$	
Electrical behaviour**				
Resistance to EPA ground	ESD STM 7.1/ IEC 61340-4-1	Measuring the installed floor at 23 °C (± 2 °C) and $\geq 25 \%$ r.h.	$10^6 - 9 \times 10^7 \text{ Ohm}$	$< 10^6 \text{ Ohm}$
		Measuring the installed floor at 23 °C (± 2 °C) and $< 25 \%$ r.h., installed on an appropriate subfloor build up	$10^6 - 10^9 \text{ Ohm}^{***}$	$< 10^6 \text{ Ohm}$
Operator system – Resistance to ground	ESD STM 97.1/ IEC 61340-4-5	For the system floor/conductive footwear ($R < 5 \times 10^6 \text{ Ohm}$) measuring the installed floor at 23 °C (± 2 °C) and $\geq 25 \%$ r.h.	$\leq 3.5 \times 10^7 \text{ Ohm}$	$\leq 3.5 \times 10^7 \text{ Ohm}$
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		$10^6 - 9 \times 10^7 \text{ Ohm}$	$< 10^6 \text{ Ohm}$
Insulation resistance	VDE 0100-600		$\geq 1 \times 10^5 \text{ Ohm}$	-

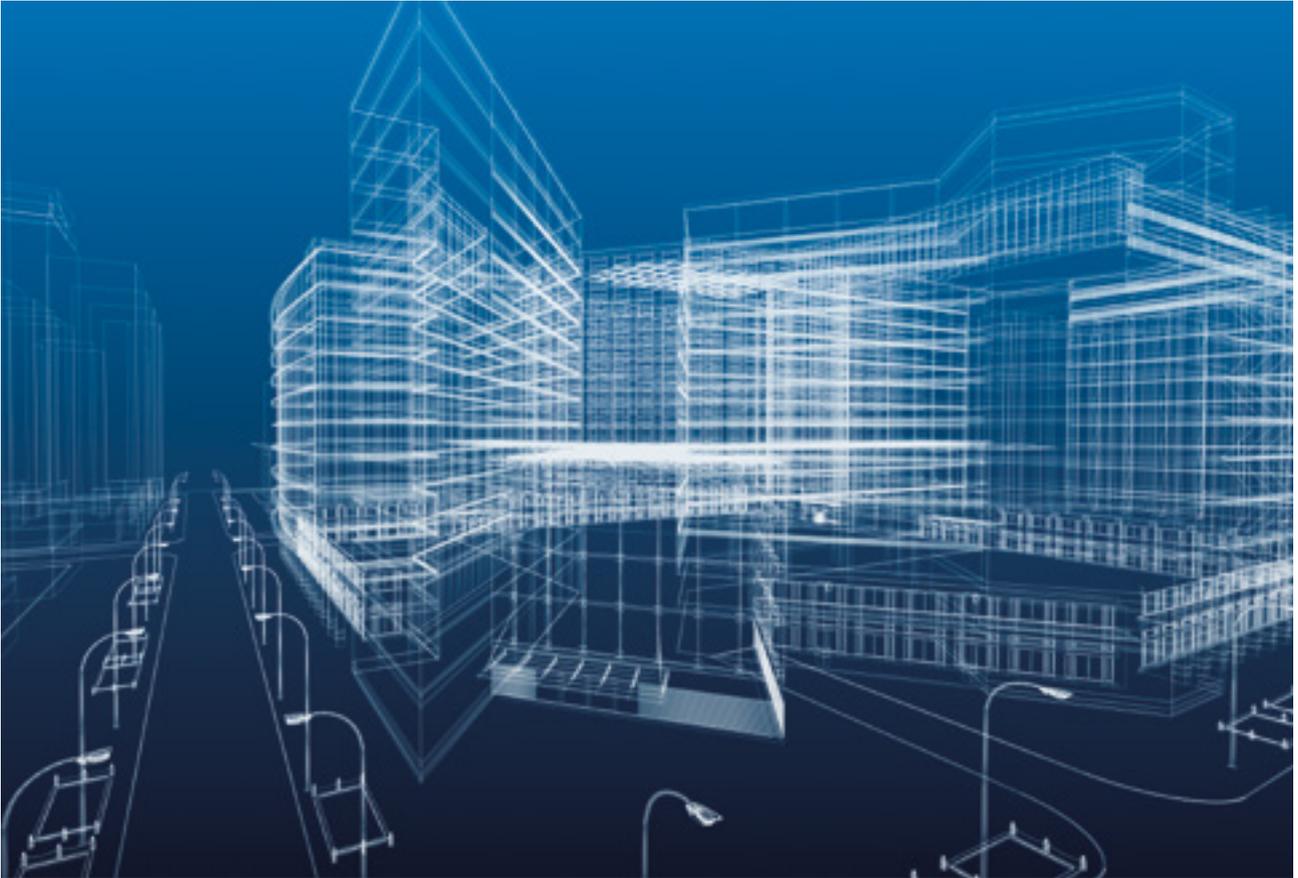
* In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals please contact us.

** 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 $R < 3 \times 10^9 \text{ Ohm}$ according to EN ISO 22637.

*** 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.

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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.



We offer BIM files of the floor covering and stairtread standard portfolio for download on our website. Further information can be found at bim.nora.com.

Please note

norament® has 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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