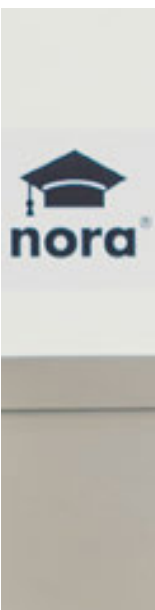




RUBBER FLOOR COVERINGS AND ACCESSORIES 2020

nora[®]
by **Interface**[®]





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 plasticizers 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 carbon neutral 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 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, the 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 lifecycle. 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.de/



Certified: DIN EN ISO 14001,
DIN EN ISO 50001

Corporate certifications and memberships

The 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.



nora® floor coverings and accessories

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

www.blauer-engel.de

Awarded to: norament® 926 and noraplan® standard floorings



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

www.greenguard.org

Awarded to: All nora® floor coverings, main nora® installation materials and nora® accessories



BRE "A+" Rating

The BRE rating assesses the environmental impact of products. The environmental profiles of similar products in a category are compared with each other and assessed. The best products in a comparison group are awarded the "A+" rating.

Approval criteria: BRE Global Methodology for Environmental Profiles of Construction Products.

www.bre.co.uk

Awarded to: noraplan® and noraplan® nTx standard floorings with "A+" rating



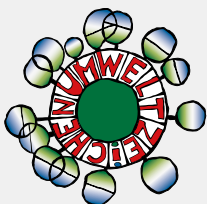
Cradle to Cradle

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

www.c2ccertified.org

Awarded to: norament® 926, norament® 926 stairtreads and noraplan® standard floorings with Cradle to Cradle Silver



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 56

www.umweltzeichen.at

Awarded to: norament® 926 and noraplan® standard floorings



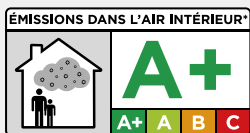
M1

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: Finnish Classification of Indoor Environment 2008

www.rakennustieto.fi/index/english.html

Awarded to: All standard nora® floor coverings



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)

www.developpement-durable.gouv.fr/Chapitre-I-Mode-d-emploi-de-l.html

Awarded to: All nora® floor coverings, nora® installation materials and nora® accessories



Byggvarubedömningen

The Swedish institute Byggvarubedömningen 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: Building Material Assessment Criteria

www.byggvarubedomningen.se

Awarded to: norament® 926 and noraplan® standard floorings (being classified as "Recommended" in a majority of cases)



EPDs from Institut Bauen und Umwelt e.V.

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

www.bau-umwelt.de

Awarded to: norament® 926 and noraplan® standard floorings



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.

Awarded to: norament® and noraplan® standard floorings and main nora® installation materials



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 when 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 Scheme

www.sgbc.sg/sgbc-certifications/sgbp-labelling-scheme

Awarded to: noraplan® standard floorings, norament 926® and norament® 926 stairtreads with rating "Leader"



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 four levels: Bronze, Silver, Gold and Platinum.

Approval criteria: GreenTag Standard v4.0

www.globalgreentag.com/get-certified/

Awarded to: norament® 926 and noraplan® standard floorings

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 require neither phthalate plasticizers nor coatings and 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® 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 four 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 lends interiors due to its stone look a modern ambience.

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 nine 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.



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.





taz, Berlin, Germany

© Stephan Falk



Kita "An der Schutter", Ingolstadt, Germany

© Dirk Wilhelmy



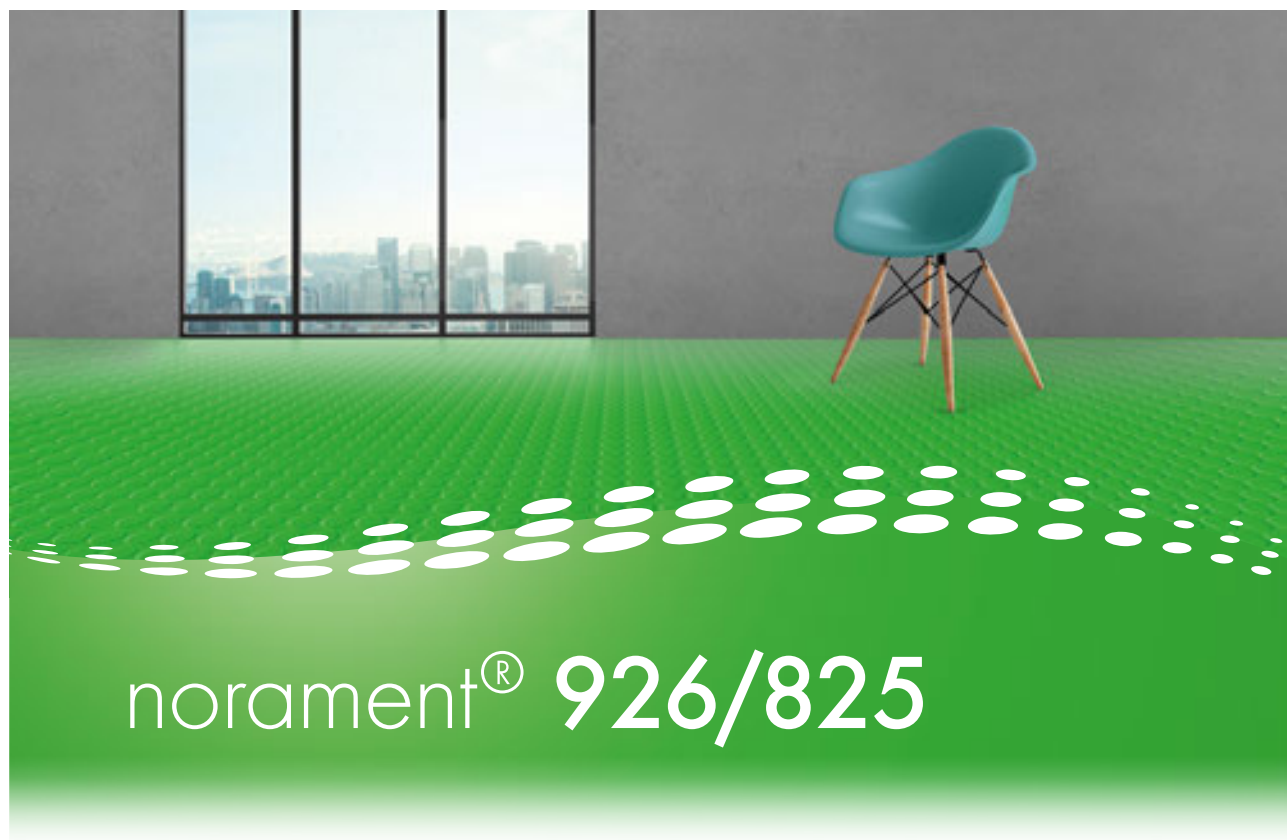
Children's Hospital Colorado, USA

© John Wagman Global Photo Associates

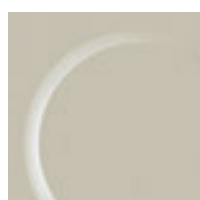


Société Générale Nantes, France

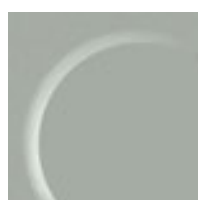
© Studio - Photo - Video



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



③ 0170



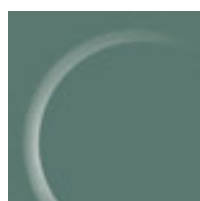
③ 6173



② J 0007



② J 0884



② J 0214



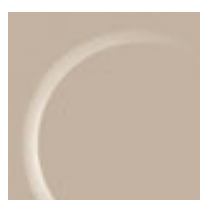
② 2079



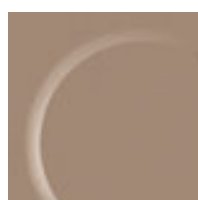
② J 0319



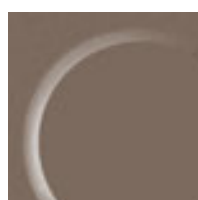
③ J 0733



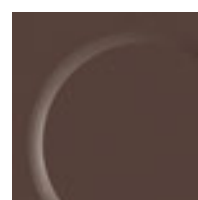
③ 2685



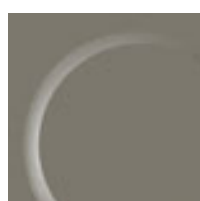
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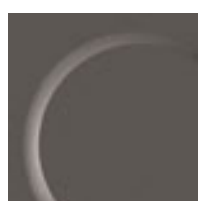
③ 6192



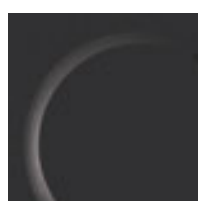
③ J 2074



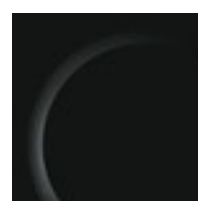
② J 0882



② J 0749



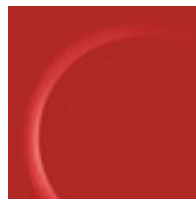
② J 0716



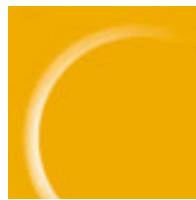
① J 0702



III  0890



IV 0866



IV 6191



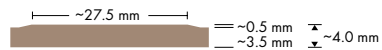
IV 0846*

norament® 926

 20

Art. 926/354

□ ~1004 mm x 1004 mm



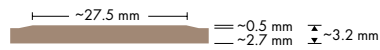
nora® profile connection dimension: E + U
Resists most oils and greases

norament® 825

 20

Art. 825/1902

□ ~501 mm x 501 mm



nora® profile connection dimension: D + U

These colours can also be delivered as:

 Stairtread norament® 926, page 58

○ = Price category

*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.



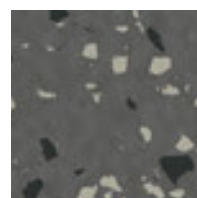
⚡ ⌵ ⌵ 5301



⌵ ⌵ 5302



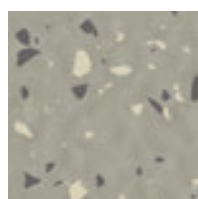
■ ⌵ ⌵ 5303



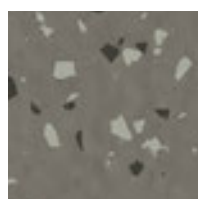
■ ⚡ ⌵ ⌵ 5304



⌵ 5305



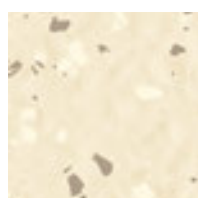
⚡ ⌵ 5306



⌵ 5307



⌵ ⌵ 5308



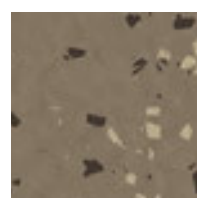
5309



■ 5310



■ 5311



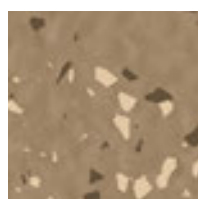
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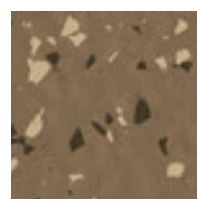
⌵ 5313



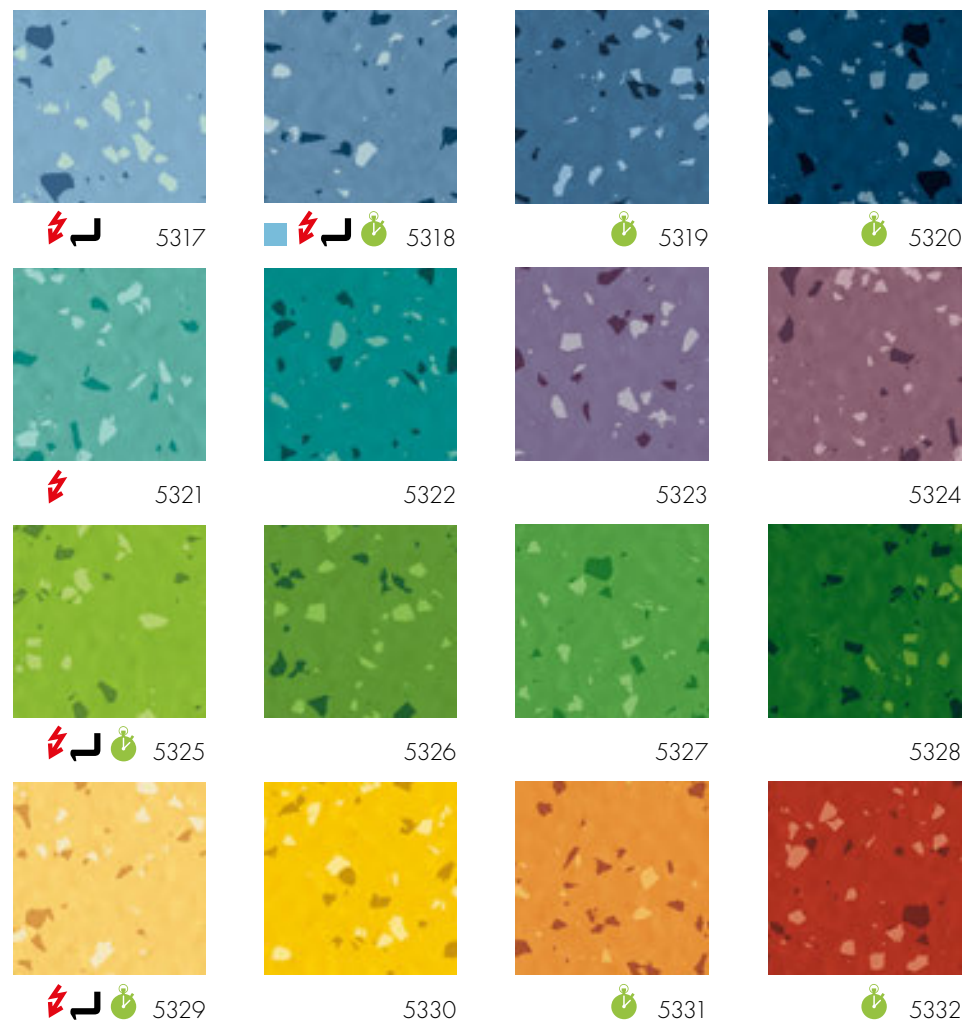
⌵ 5314



⌵ ⌵ 5315



5316



norament® 926 grano · hammerblow surface

norament® 926 grano

32

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 49

Stairtread norament® 926 grano, page 59

norament® 926 grano nTx, page 67

norament® 926 grano

5

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.

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

norament® 926 grano · cubic-structure



norament® 926 grano

4

Art. 926 grano/1870

□ ~1004 mm x 1004 mm



Slip resistant R10


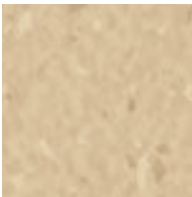
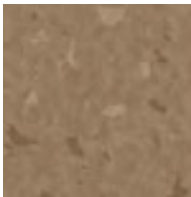
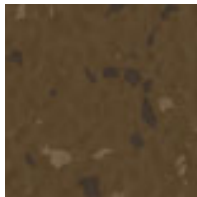



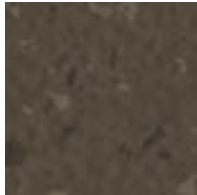




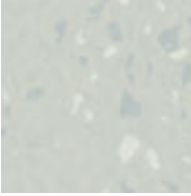


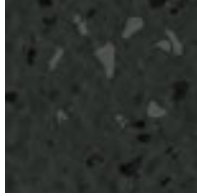


Vehmaan School, Vehmaa, Finland



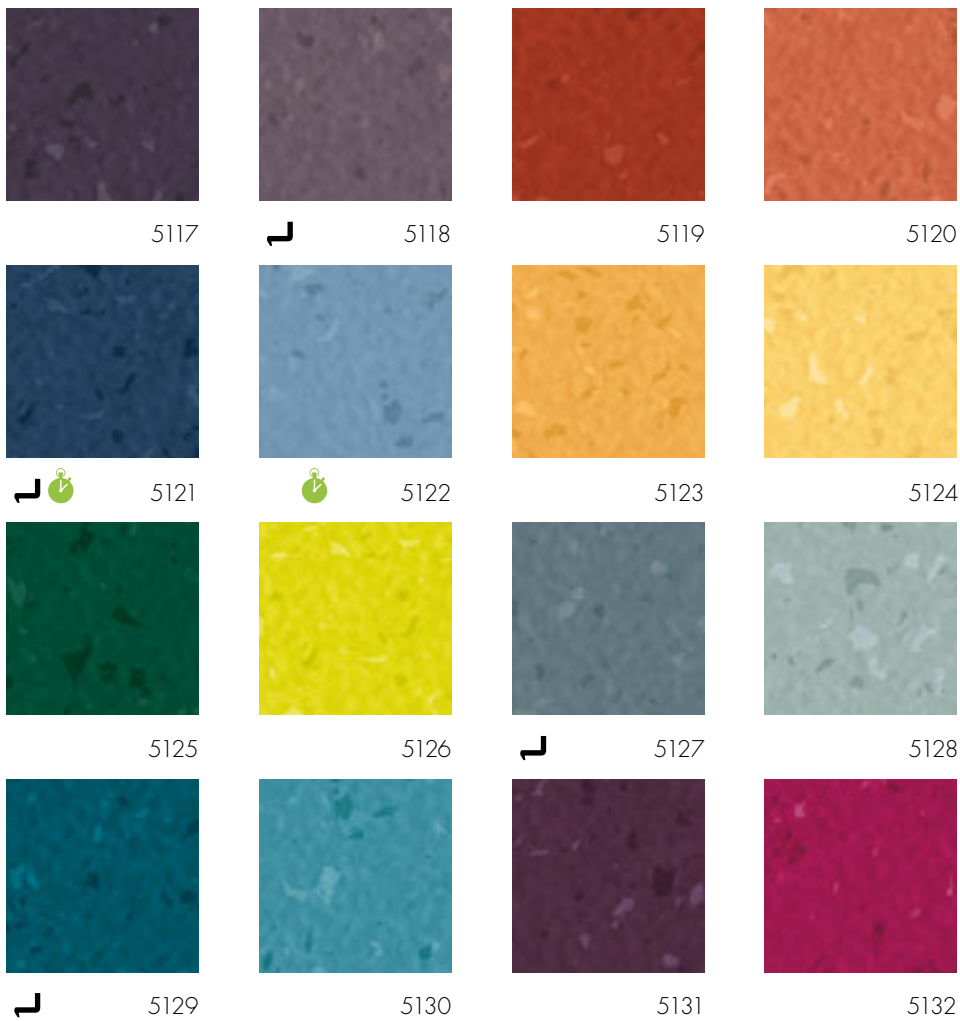
norament® 926 satura

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



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 60



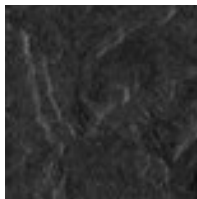
norament® 926 satura nTx, page 67

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

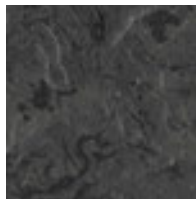
**Special colours are available on request.
Please ask for minimum quantities and delivery times.**



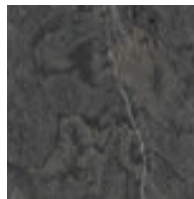
Flat, direction-oriented relief structure with fine grain design and modern marbling for maximum demands. No two tiles are the same – each tile is totally unique.



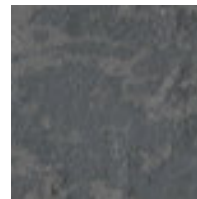
5170



5171



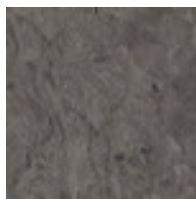
5172



5173



5174



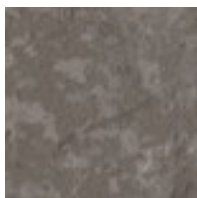
5175



5176



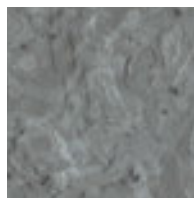
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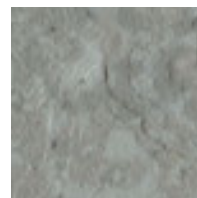
5178



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

Order-related smaller formats can be cut for individual installation combinations without minimum quantity requirements 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.

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

 norament® 926 arago nTx, page 67

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.



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. Learn more about the noraplan® product portfolio, the natural properties as well as the possible applications.





Hospital Floridsdorf, Vienna, Austria

© Markus Bachmann



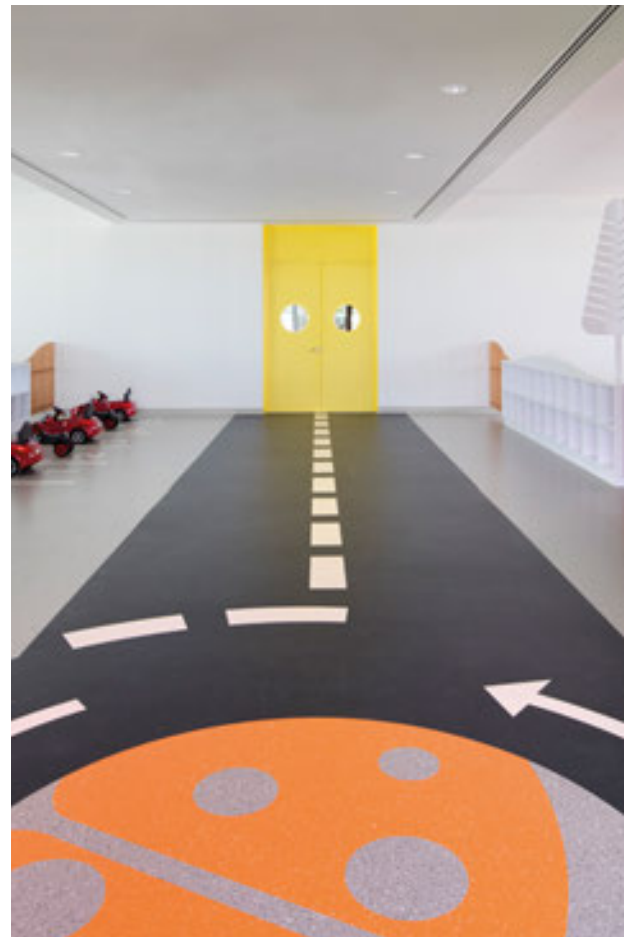
Zalando Headquarter, Berlin, Germany

© Stephan Falk



Canteen Otto Group, Hamburg, Germany

© Valeska Achenbach



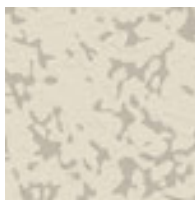
Ladybird Early Learning Centre, Dubai, UAE

© Gerry O'Leary



noraplan® lona

Rubber floor covering with a contrasting accent colour in an elegant design. The silk-matte, lightly structured surface adds visual depth to the filigree arrangement of contrasting colours and accents.



6900



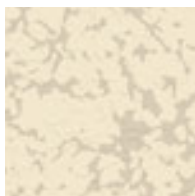
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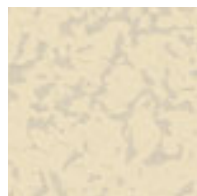
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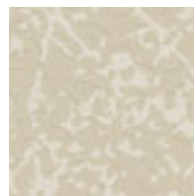
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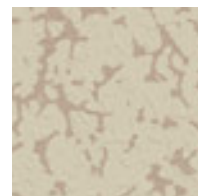
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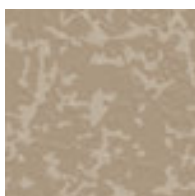
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6906



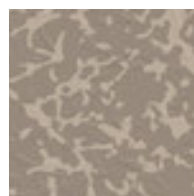
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6908



6909



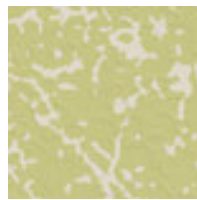
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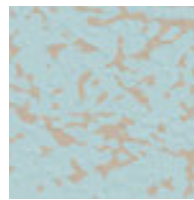
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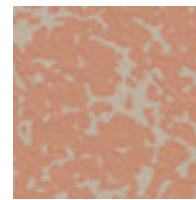
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6913



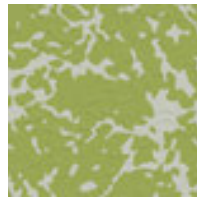
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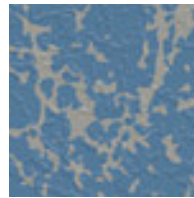
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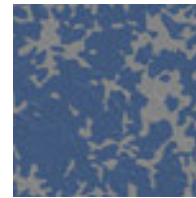
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6917



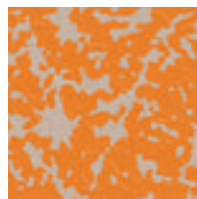
6918



6919



6920



6921



6922



6923

noraplan® lona

24

Art. 166B

~1.22 m x 15.0 m

Art. 266B

~610 mm x 610 mm

15 □ = 5.58 m² in one carton

~2.0 mm

nora® profile connection dimension: A + U



Also available as noraplan® lona nTx, page 66

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.





noraplan® sentica

A changing base colour of harmoniously matched colour compositions in a smooth surface for heavy traffic areas.



6500



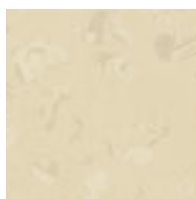
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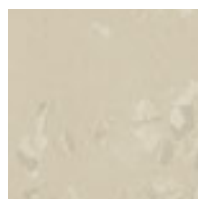
6502



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 m² in one carton

~2.0 mm

nora® profile connection dimension: A + U

noraplan® sentica

12

Art. 1701

~1.22 m x 12.0 m

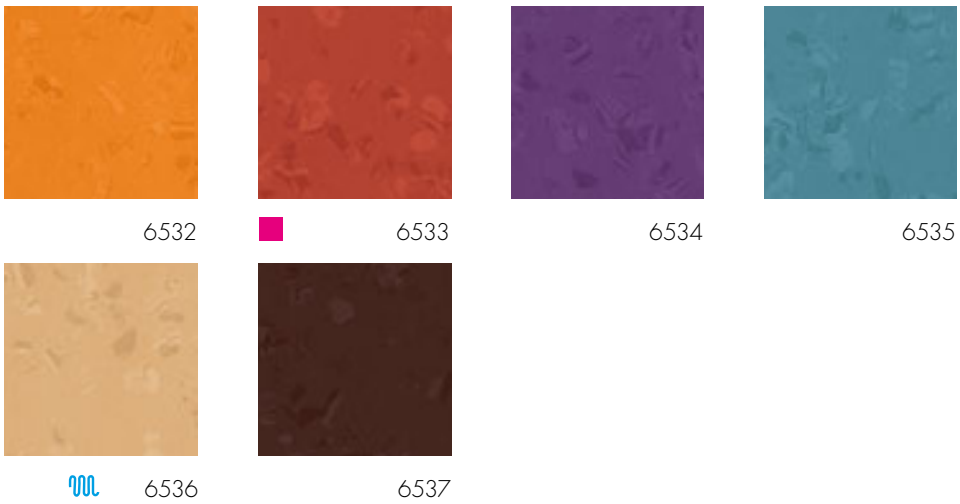
Art. 2701

~610 mm x 610 mm

10 = 3.72 m² in one carton

~3.0 mm

nora® profile connection dimension: D + U



These colours can also be delivered as:

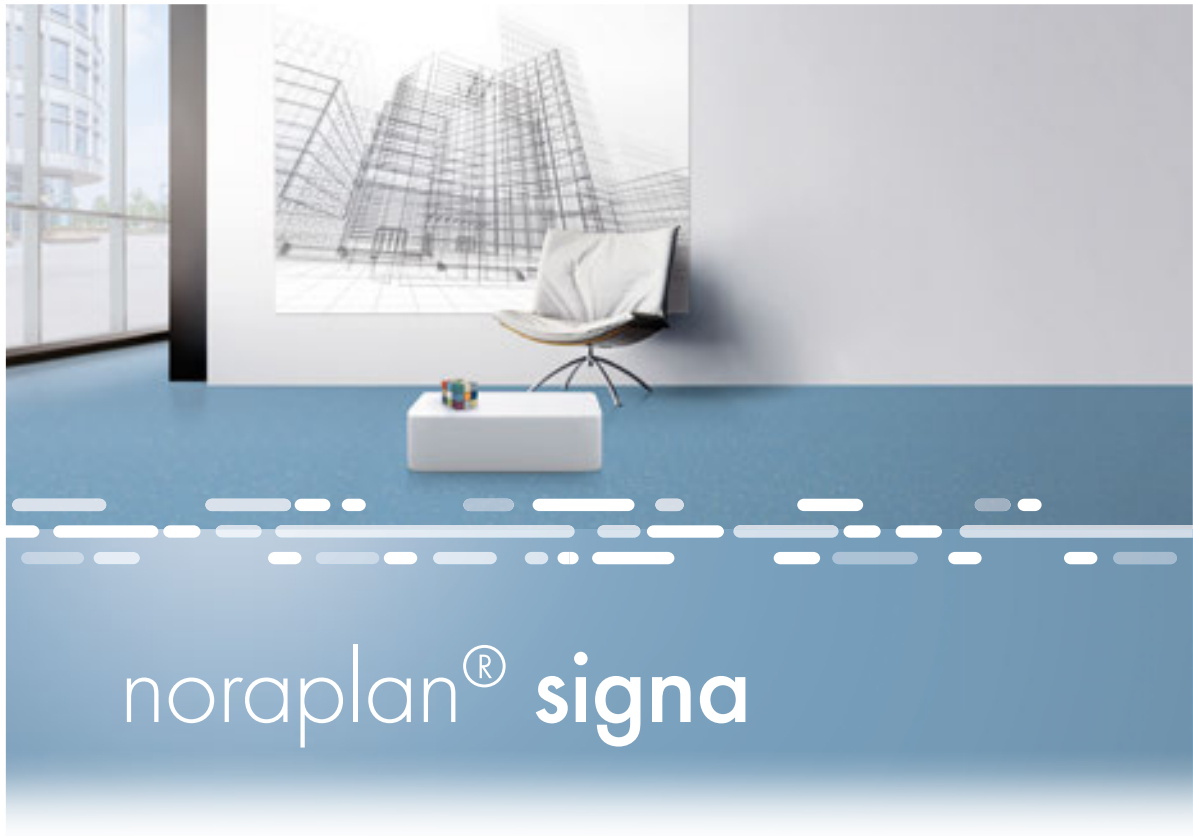
- Special flooring noraplan® sentica ed electrostatically dissipative, page 50
- Special flooring noraplan® sentica acoustic footfall-sound-absorbing 20 dB, page 53
- noraplan® sentica nTx, page 67

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.



noraplan®



A changing base colour consisting of three harmoniously matched colour components and characteristic granule inclusions in a smooth surface for heavy traffic areas.

7031	7032	7033	7034
7035	7036	7037	7038
7039	7040	7041	7042
7043	7044	7045	7046



Day care center Apfelbäumchen, Zwickau, Germany © Markus Bachmann



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 m² in one carton

~2.0 mm

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 m² in one carton

~3.0 mm

nora® profile connection dimension: D + U

Slip resistant R9

These colours can also be delivered as:

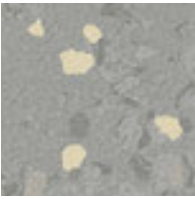
Special flooring noraplan® **signa** ed electrostatically dissipative, page 51

Special flooring noraplan® **signa** acoustic footfall-sound-absorbing 20 dB, page 54

noraplan® **signa** nTx, page 67

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.

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 m² in one carton

~2.0 mm

nora® profile connection dimension: A + U

Slip resistant R10



Kindergarten Zusmarshausen, Germany

© Markus Bachmann



noraplan® valua

Imagine a floor covering that brings the beauty and comfort of the natural world indoors. A room that exudes the intuitive warmth, light and calm so hard to find in today's busy world. Envision a perfect moment tailored just to you. Perhaps it's a glimpse of blue sky out of your window. Or the glow of your living room, illuminated by morning light. Maybe it's the hush of the ocean nearby. Imagine a flooring that makes you feel at home.



noraplan® valua · A variant of flowing vibrancy



6708



6709



6710



6711



6712



6713



6714



6715



Rolls



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

Three plank sizes. Unlimited possibilities.

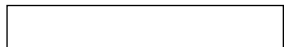
Planks (with chamfered edges)



610 mm x 205 mm

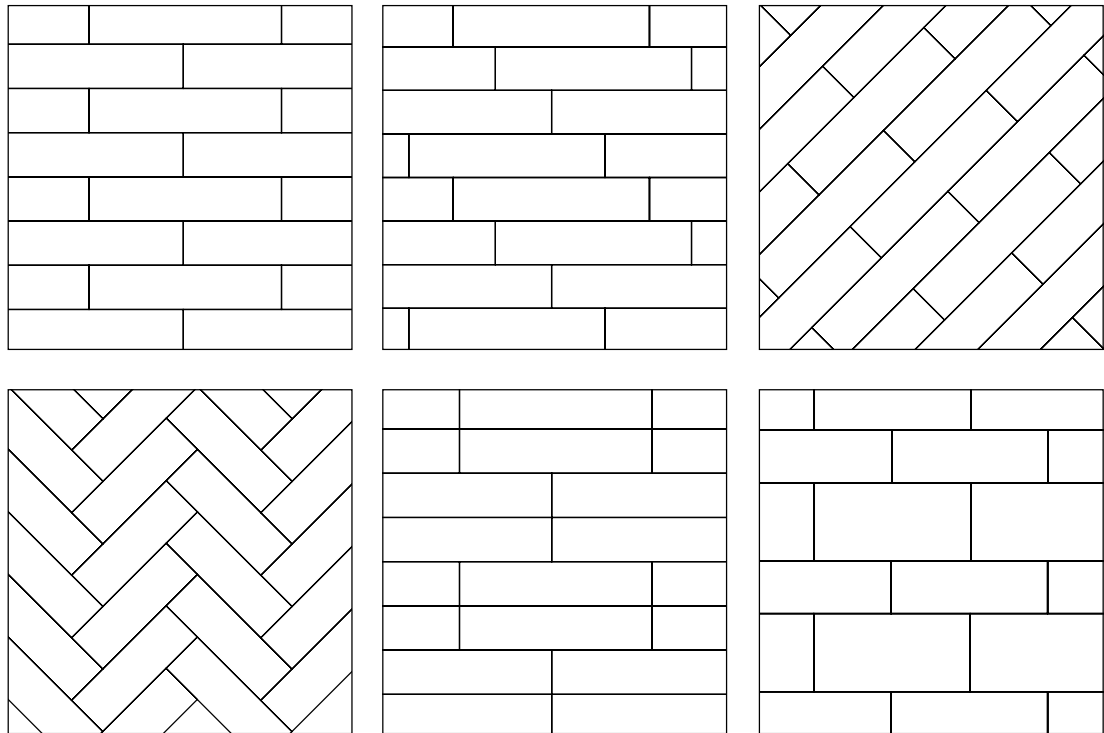


610 mm x 305 mm



1220 mm x 405 mm

Example installations



Planks



Art. 272A

~610 mm x 205 mm

36 □ = 4.50 m² in one carton

Art. 273A

~610 mm x 305 mm

24 □ = 4.46 m² in one carton

Art. 274A

~1220 mm x 405 mm

12 □ = 5.92 m² in one carton

~2.0 mm

nora® profile connection dimension: A + U



Art. 275A

~610 mm x 205 mm

24 □ = 3.00 m² in one carton

Art. 276A

~610 mm x 305 mm

16 □ = 2.97 m² in one carton

Art. 277A

~1220 mm x 405 mm

8 □ = 3.95 m² in one carton

~3.0 mm

nora® profile connection dimension: D + U

Also available as noraplan® valua nTx, page 66

Further plank formats: see nora 4you, page 80

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

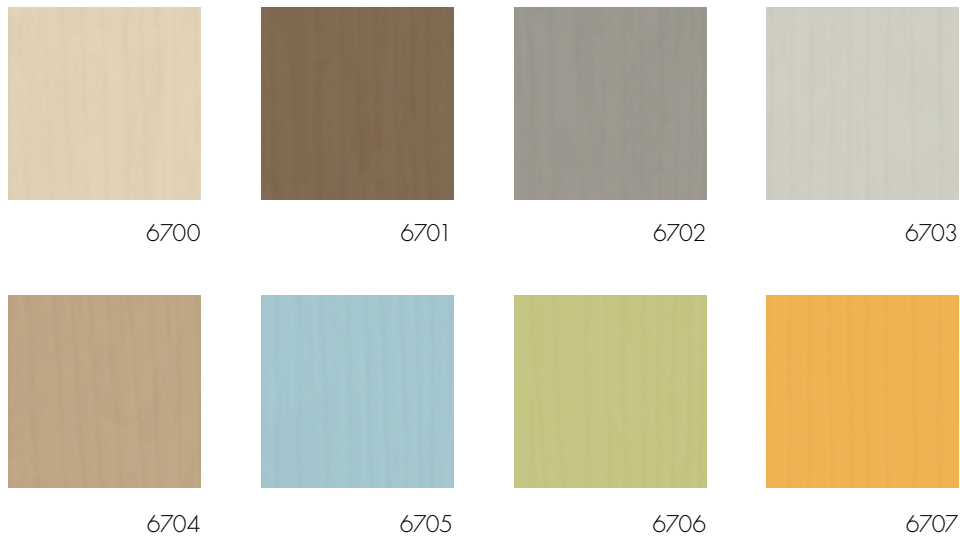
Special colours are available on request. Please ask for minimum quantities and delivery times.



Boerhof showroom, Haaten, Netherlands

© Quapa creative minds

noraplan® valua · A restful variant of virtually plain colour



Rolls



Art. 172A

~1.22 m x 15.0 m



nora® profile connection dimension: A + U



Art. 173A

~1.22 m x 12.0 m



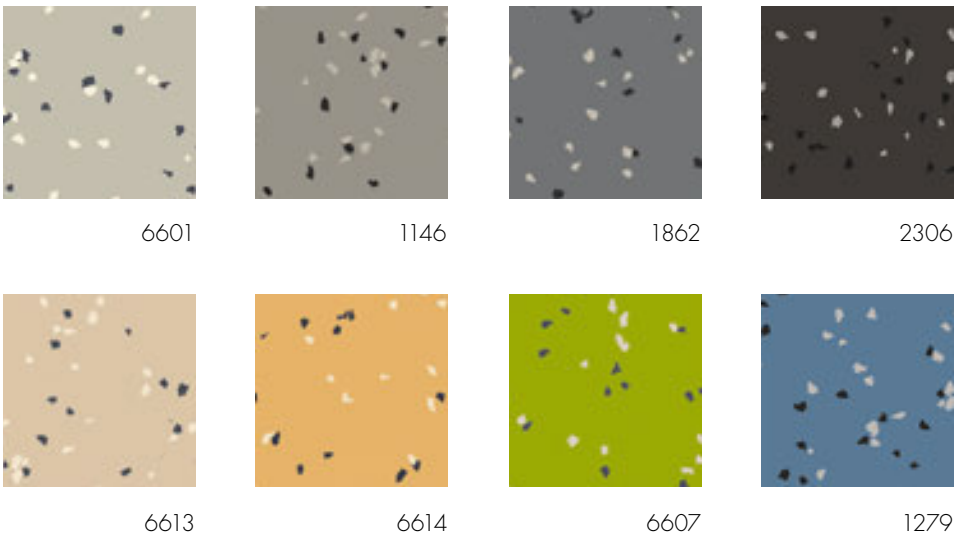
nora® profile connection dimension: D + U



noraplan® stone

Discreet, non-directional scatter design available in both reflection-breaking and smooth surfaces for heavy traffic areas.

noraplan® stone · smooth surface



noraplan® stone



Art. 1600

~1.22 m x 15.0 m

Art. 2600

~610 mm x 610 mm

15 □ = 5.58 m² in one carton



nora® profile connection dimension: A + U

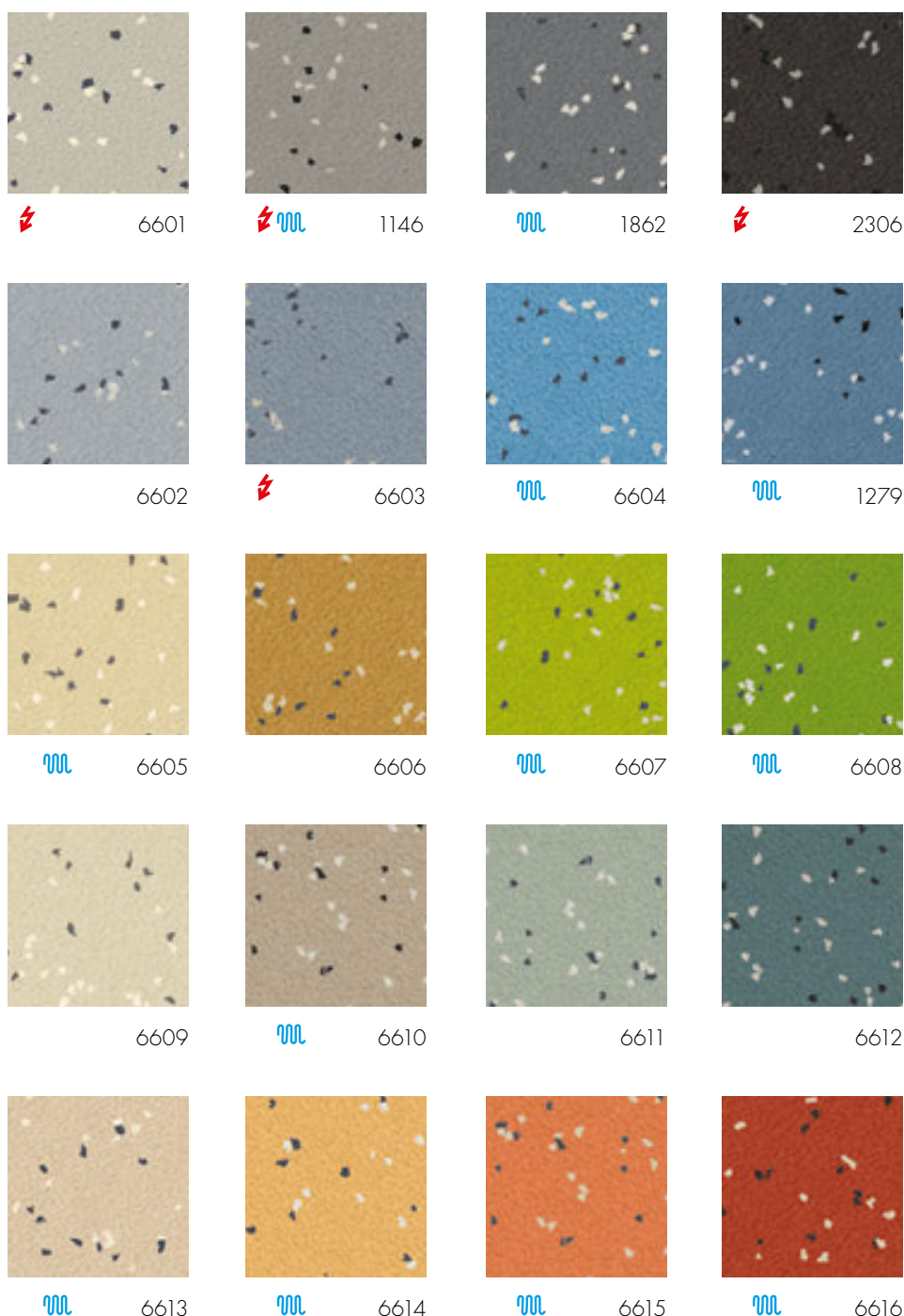
Slip resistant R9



Kinderhaus WaldSchatz Kita, Waldbronn, Germany

© Klemens Ortmeyer

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 m² 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 52

Special flooring noraplan® stone acoustic football-sound-absorbing 20 dB, page 55

Also available as noraplan® stone nTx, page 66

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.



One-coloured with a smooth surface for heavy traffic areas.



2446



6175



2140



2647



2454



1810



2457



2451



6176



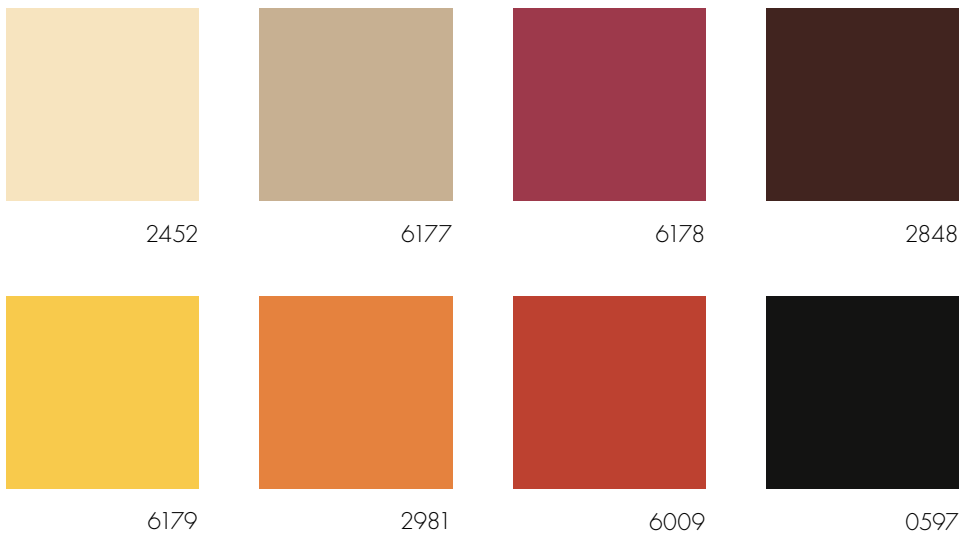
2144



0131



6129



noraplan® uni

20

Art. 1461

~1.22 m x 12.0 m

Art. 2461

~610 mm x 610 mm

15 = 5.58 m² in one carton

~2.0 mm

nora® profile connection dimension: A + U

Also available as noraplan® uni nTx, page 66

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.





noraplan® unita

Rubber floor covering with 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.



red dot design award
winner 2012



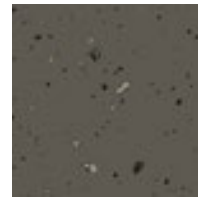
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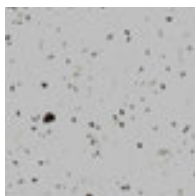
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7103



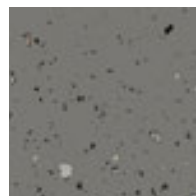
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7105



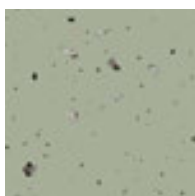
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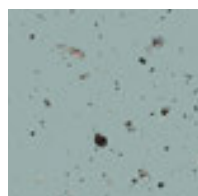
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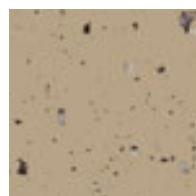
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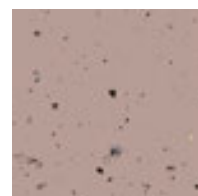
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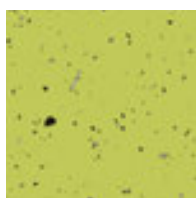
7110



7111



7112



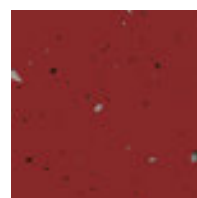
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7114



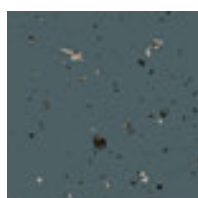
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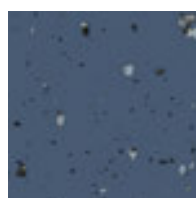
7116



7117



7118



7119



7120

noraplan® unita

20

Art. 1640

~1.22 m x 1.50 m

~2.0 mm

nora® profile connection dimension: A + U

Also available as noraplan® unita nTx, page 66

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.**

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 in a smooth surface for heavy traffic areas.



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 m² in one carton
 ~2.0 mm

nora® profile connection dimension: A + U

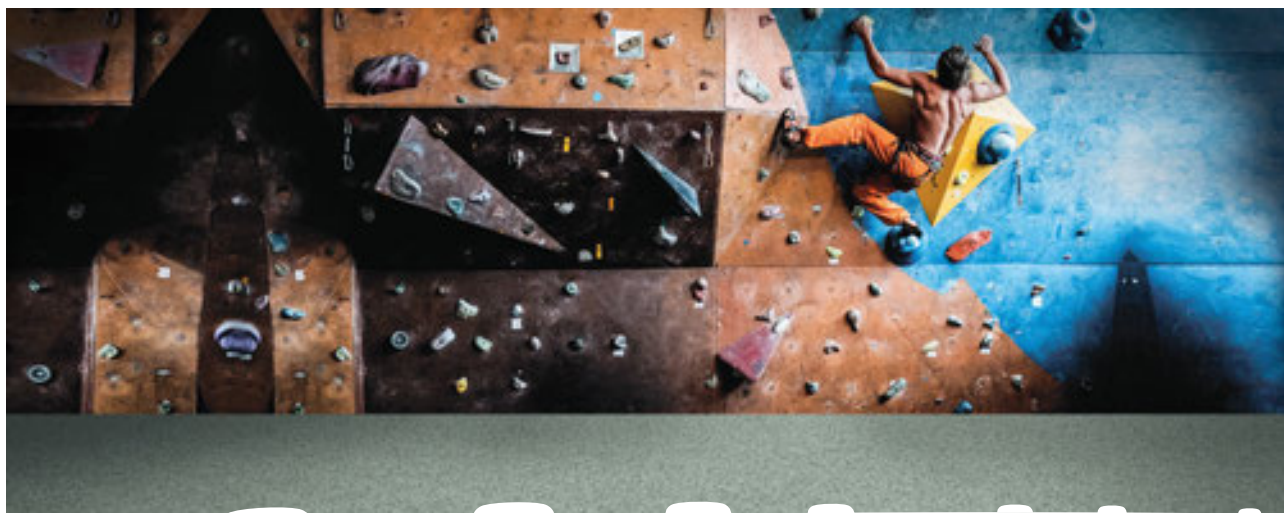
 Also available as noraplan® eco nTx, page 66

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.**



Shanghai putuo district administrative service center, 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, excellent environmental compatibility confirmed by BRE "A+" rating.



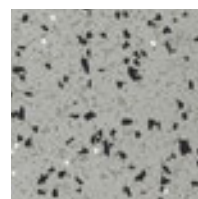
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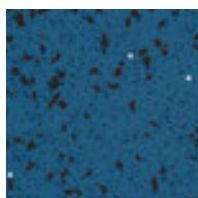
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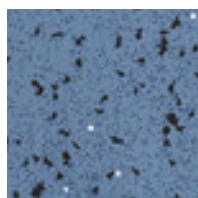
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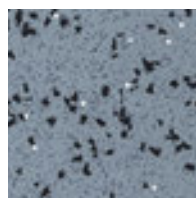
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6018



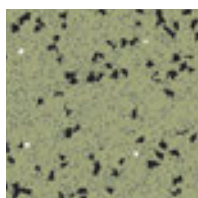
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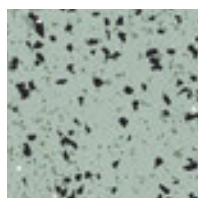
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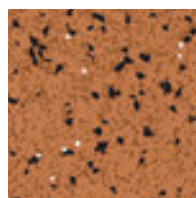
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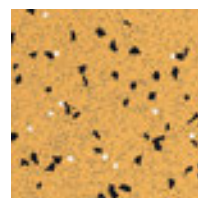
6023



6024



6027



6029

noraplan® ultra grip

Design with discretely dispersed granite chips

12

Art. 1569

~1.20 m x 1.50 m

~2.0 mm

nora® profile connection dimension: A + U

Resists most oils and greases

Also available as noraplan® ultra grip nTx, page 66

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.**

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. Get to know the range of designs and variants on the following pages.





Hospital Floridsdorf, Vienna, Austria

© Markus Bachmann



Seitec Elektronik GmbH, Elsteraue, Germany

© Dirk Wilhelmy



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



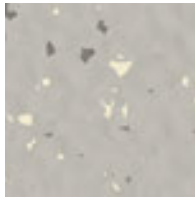
Ries Apotheken, Nördlingen, Germany

© Oliver Heinemann

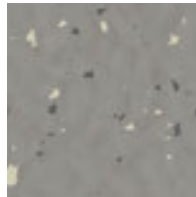
norament® 975 LL

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.

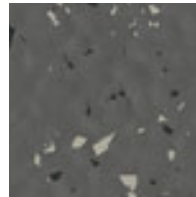
norament® 975 LL · grano design
Hammerblow surface



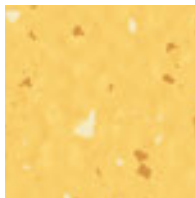
5302



5303



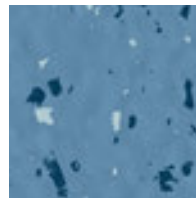
5304



5329



5314



5318

norament® 975 LL



Art. 975 LL/1880

□ ~1000 mm x 1000 mm



~3.5 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

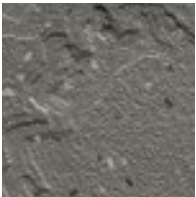
- in areas with a high or regular exposure to moisture (e.g. entrance area)
- in areas with high or frequently occurring dynamic pressure loads
- in areas with high temperature fluctuations, e.g. in case of direct, long-term exposure to sunlight

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.

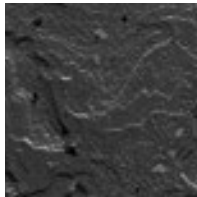


norament® 975 LL · serra design

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



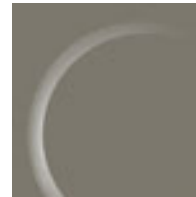
0702



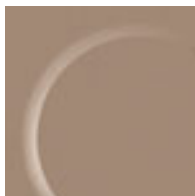
0319



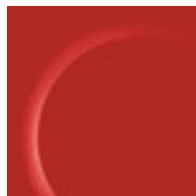
2079



0882



6172



0866

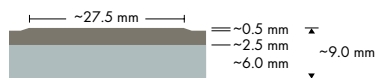
norament® 992



6

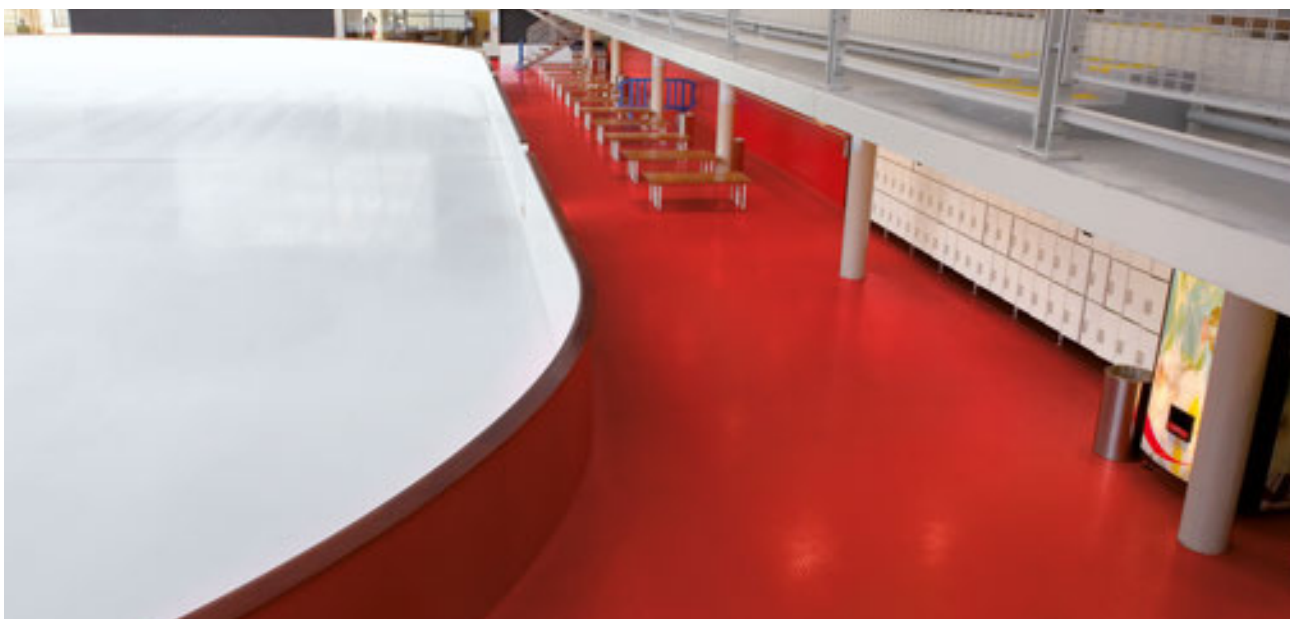
Art. 992/1956

□ ~1002 mm x 1002 mm

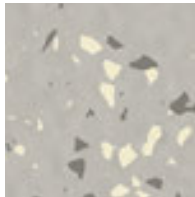


nora® profile connection dimension: N

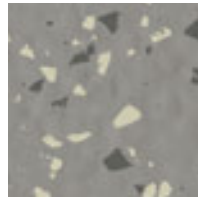
**Special colours are available on request.
Please ask for minimum quantities and delivery times.**



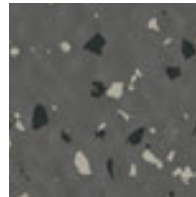
norament® 992 grano · hammerblow surface



5302



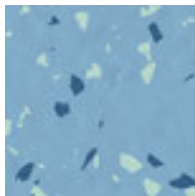
5303



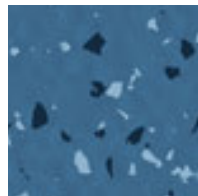
5304



5308



5317



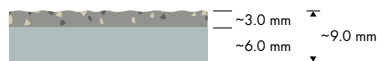
5319

norament® 992 grano



Art. 992 grano/1955

□ ~1002 mm x 1002 mm



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



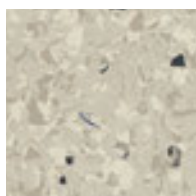
Art. 927 grano ec/1880

□ ~1004 mm x 1004 mm

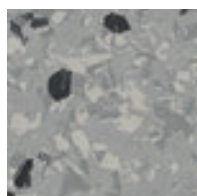


nora® profile connection dimension: E + U

noraplan® astro ec



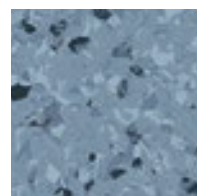
6102



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 m² in one carton



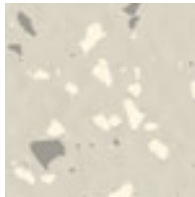
nora® profile connection dimension: A + U

norament® ed ⚡

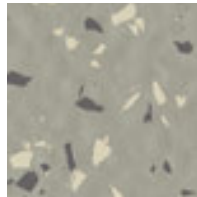


Electrostatically dissipative “ed” floorings for optimum ESD protection of electronic devices and equipment. Protect against electrical shock, resist most oils and greases and are suitable for forklift truck areas.

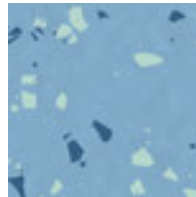
norament® 928 grano ed



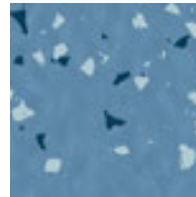
■ 5301



■ 5306



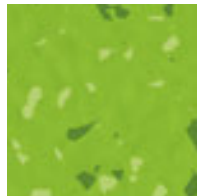
■ 5317



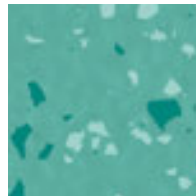
■ 5318



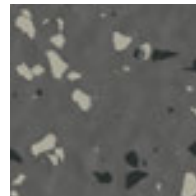
5329



5325



5321



■ 5304

norament® 928 grano ed



Art. 928 grano ed/1880

□ ~1002 mm x 1002 mm



~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

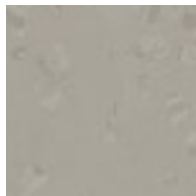
Special colours are available on request.
Please ask for minimum quantities and delivery times.

noraplan® ed ⚡

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



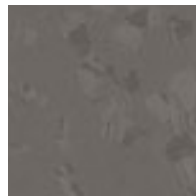
noraplan® sentica ed



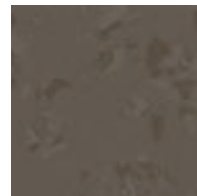
6520



6521



6522



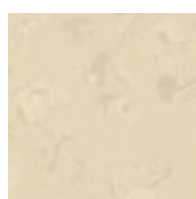
6523



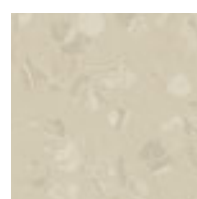
6508



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 m² in one carton

nora® profile connection dimension: A + U

noraplan® sentica ed



Art. 1703

~1.22 m x 12.0 m

~3.0 mm

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 treated with the nora® joint-sealing compound.

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

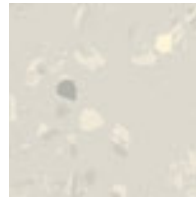
noraplan® signa ed



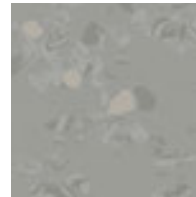
7031



7033



7035



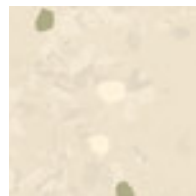
7036



7044



7045



7051



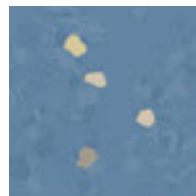
7052



7055



7056



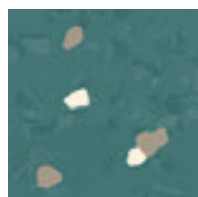
7065



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 m² in one carton



nora® profile connection dimension: A + U

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

noraplan® signa ed



Art. 1523

~1.22 m x 12.0 m



nora® profile connection dimension: D + U

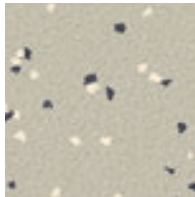
**Special colours are available on request.
Please ask for minimum quantities and delivery times.**

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 1.50 m

Art. 229

~610 mm x 610 mm

15 □ = 5.58 m² in one carton

~2.0 mm

nora® profile connection dimension: A + U

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

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



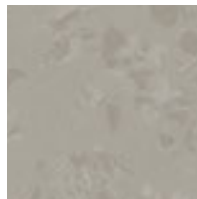
noraplan® acoustic

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

noraplan® sentica acoustic



6505



6520



6521



6522



6508



6536



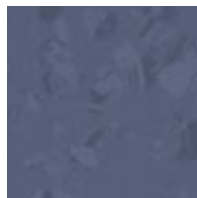
6513



6510



6530



6531



6516



6517

noraplan® sentica acoustic



Art. 1705

~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® acoustic

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

noraplan® signa acoustic



7032



7033



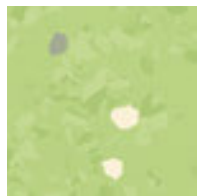
7055



7056



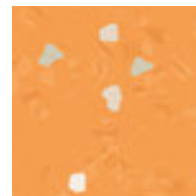
7065



7067



7071



7072

noraplan® signa acoustic



Art. 1420

~1.22 m x 12.0 m



~1.6 mm
~2.4 mm
~4.0 mm

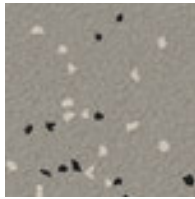
nora® profile connection dimension: F + U

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

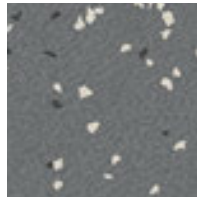
**Special colours are available on request.
Please ask for minimum quantities and delivery times.**



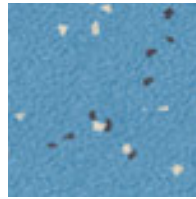
noraplan® stone acoustic · reflection-breaking surface



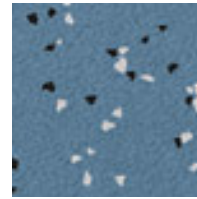
1146



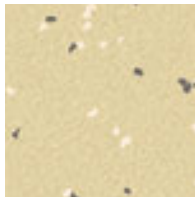
1862



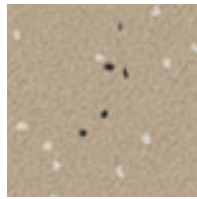
6604



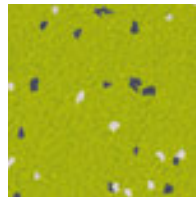
1279



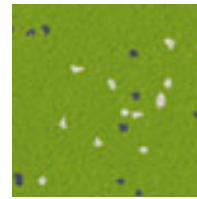
6605



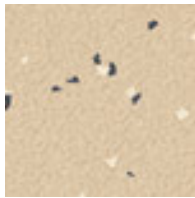
6610



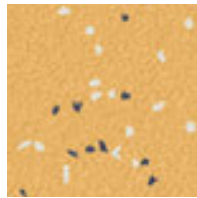
6607



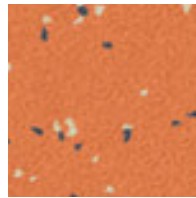
6608



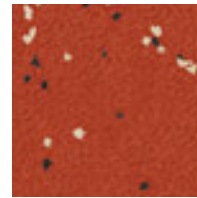
6613



6614



6615




6616

noraplan® stone acoustic



12

Art. 148

 ~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.

nora® stairwell solutions

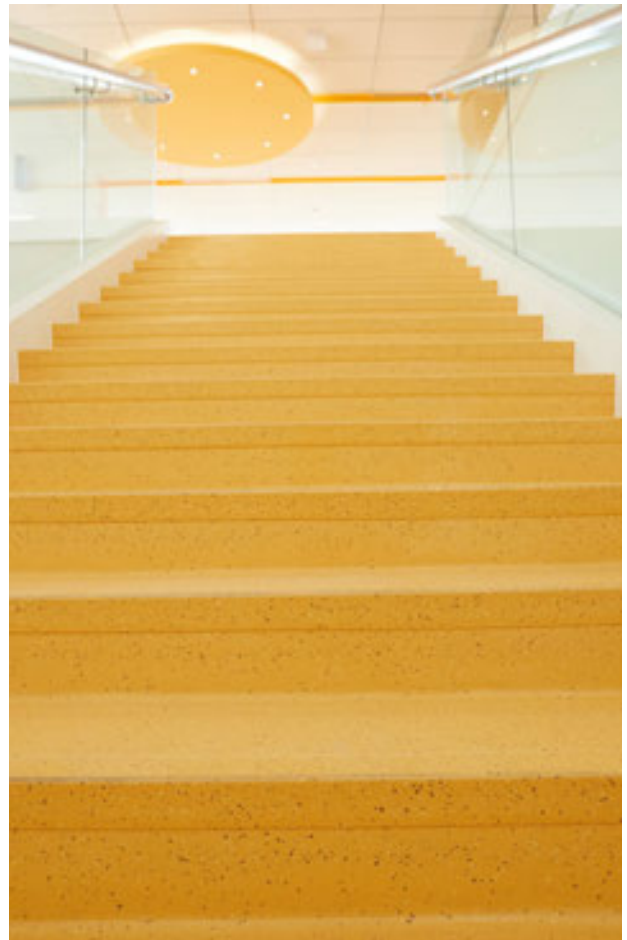
Individual requirements for stairwells are best fulfilled from our extensive system programme, from the tailored norament® stairtread with integrated pre-shaped stair nosing, riser, and tread to individual combinations of stair angles, stair nosings, and integrated safety stripes.

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





© nora systems GmbH



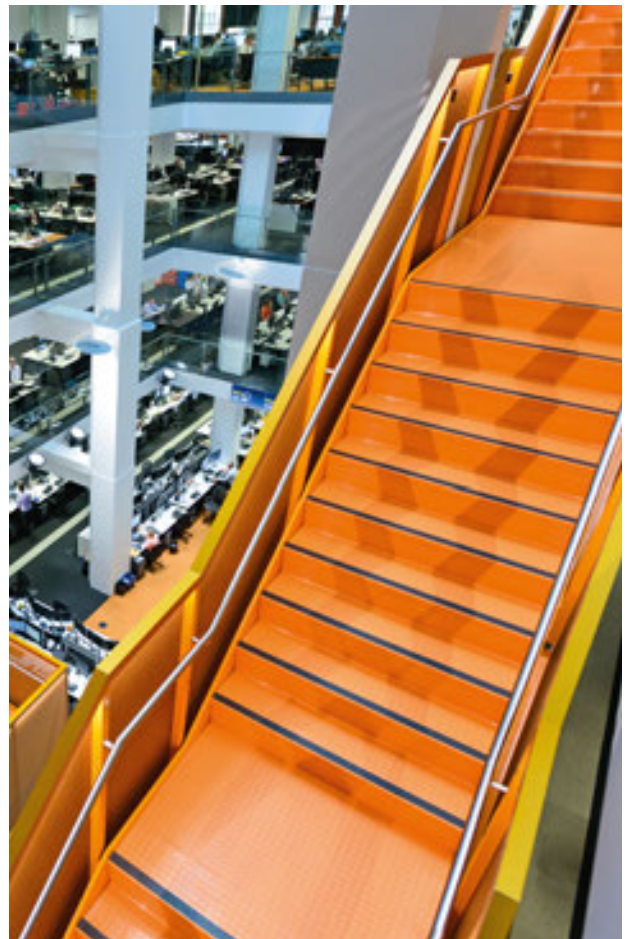
ECNU affiliated bilingual school, Shanghai, China

© nora systems GmbH



TU MAIN Chemnitz, Germany

© Werner Huthmacher



Macquarie Bank, Sydney, Australia

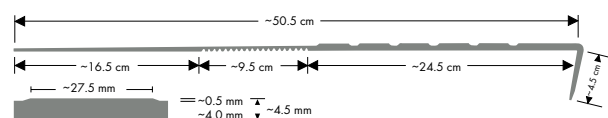
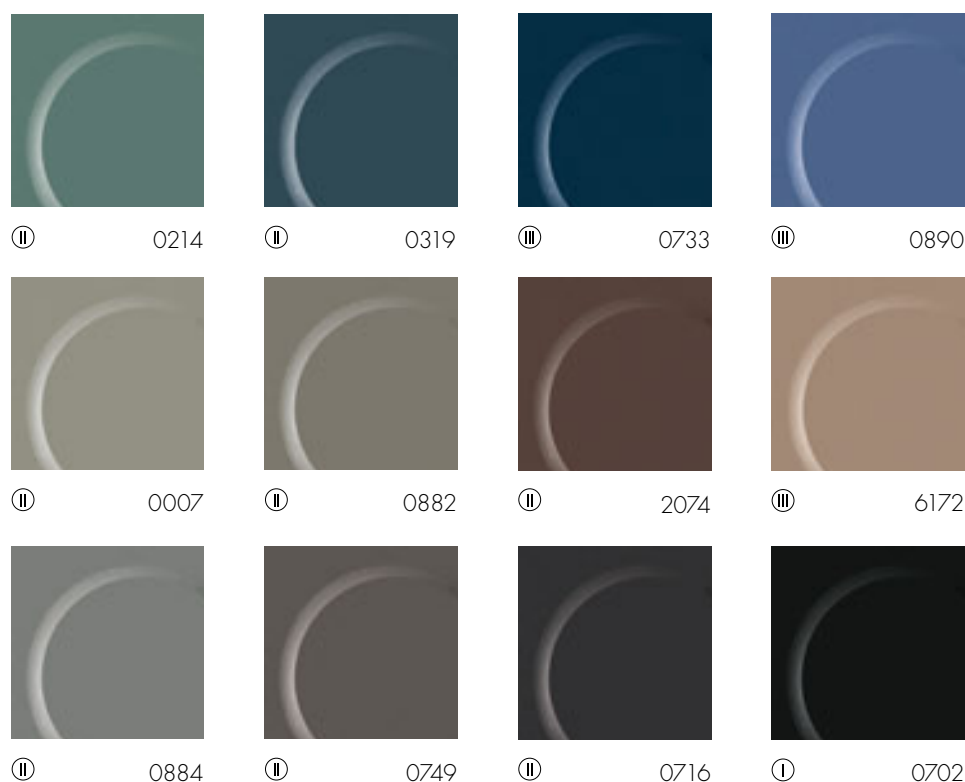
© Jesse Taylor

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



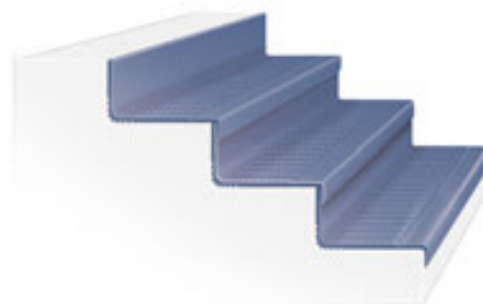
Stairtread norament® 926

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



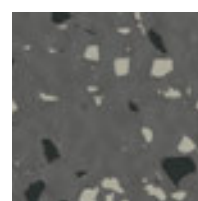
5301



5302



5303



5304



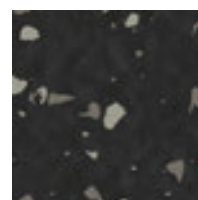
5313



5314



5315



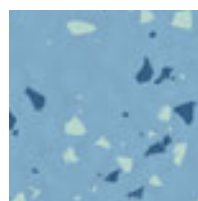
5308



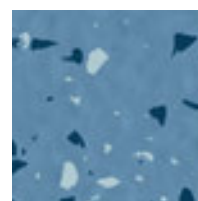
5329



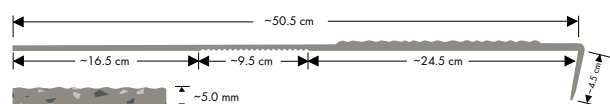
5325



5317



5318



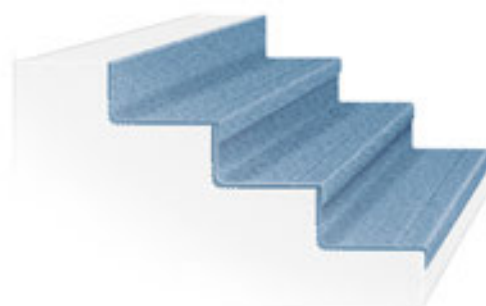
Stairtread norament® 926 grano

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

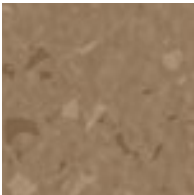


Stairtread norament® 926 satura

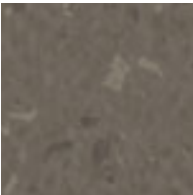
Tone-in-tone granular design with a hammerblow surface, footfall sound absorption improvement of 12 dB



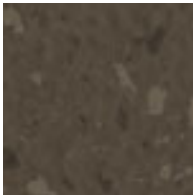
5102



5103



5107



5108



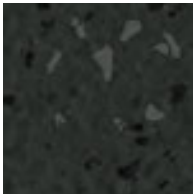
5110



5114



5115



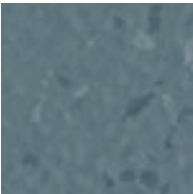
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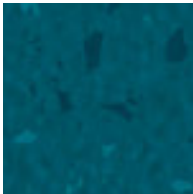
5118



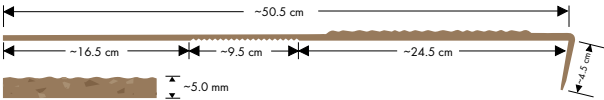
5121



5127



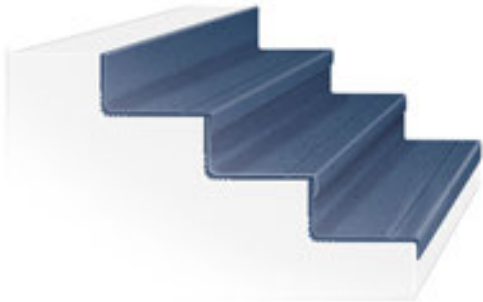
5129



Stairtread norament® 926 satura

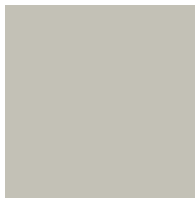
12

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



norament® stairtreads with signal or safety stripes

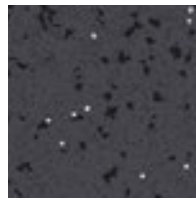
norament® stairtreads can be additionally equipped with the following signal or safety stripes:



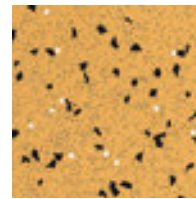
0122



0895



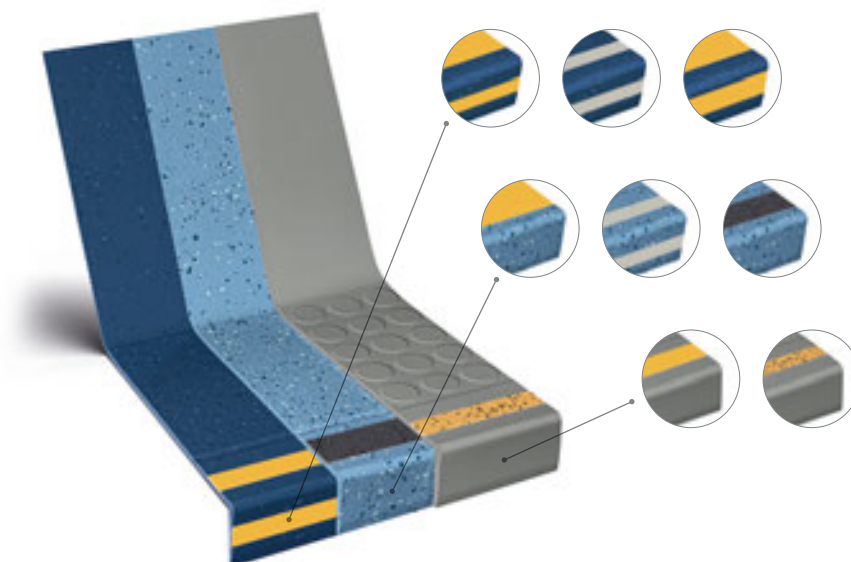
6014



6029

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



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**

8

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**

35

Delivery unit: pieces

0007	0733	2074	5110	5121	5303	5317
0214	0749	5102	5114	5127	5304	5318
0319	0882	5103	5115	5129	5313	5325
0702	0884	5107	5116	5301	5314	5329
0716/5308	0890	5108	5118	5302	5315	6172

nora® skirting and stringer profile

8 S 1008 U

35

Multi-purpose skirting

Delivery unit: rolls of 10 r.m.

Connection profile for nora® stair angles "TW"

9 A 5013 U

35

For landings and ramps

Delivery unit: in units of 2.5 r.m.

Connection profile for nora® stair angles "TG"

nora® stair margin

10

2

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

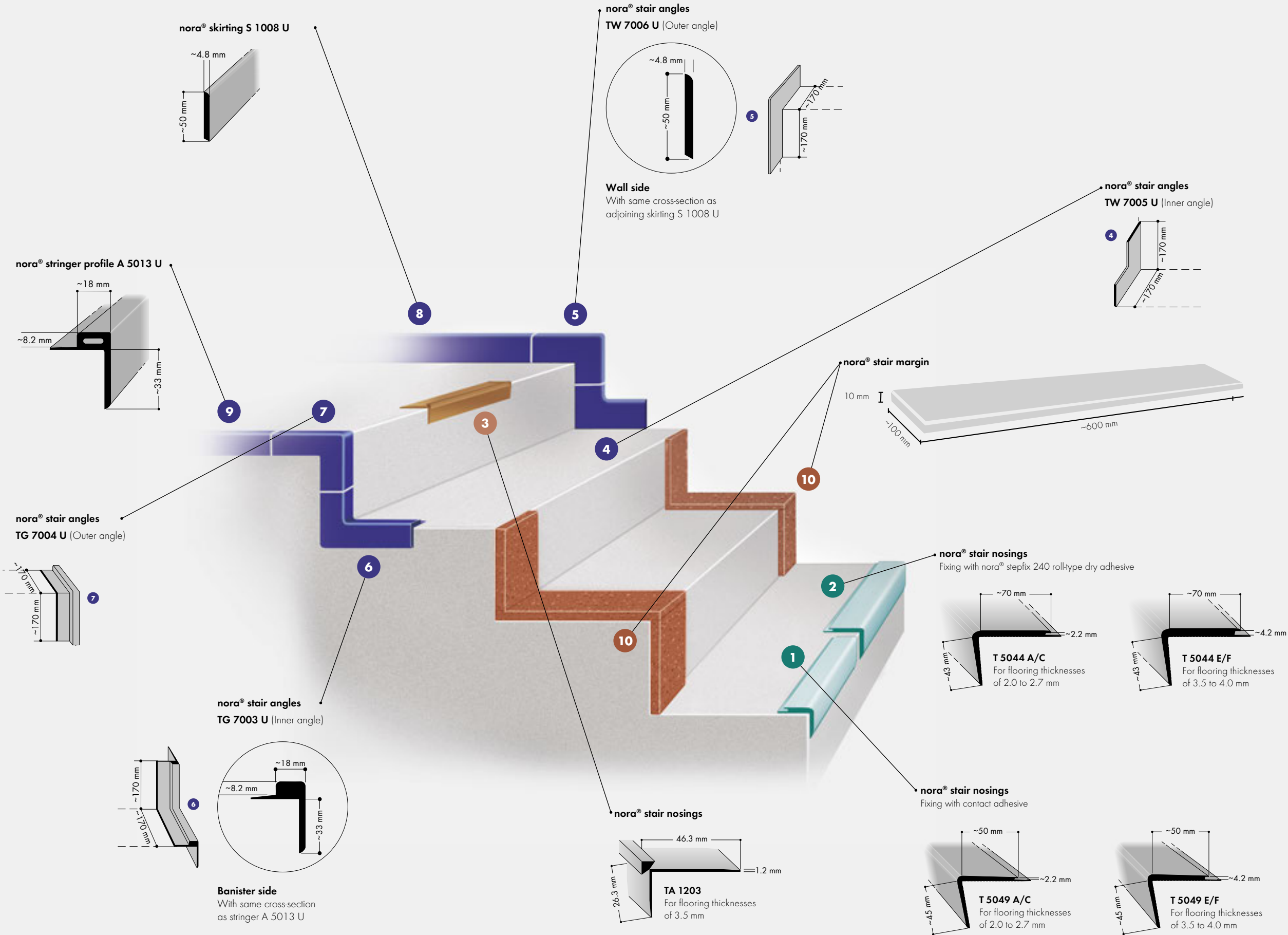
Art. 819

~600 mm x 100 mm

Thickness 10 mm

Supplied as: pieces

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



nora® 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

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.

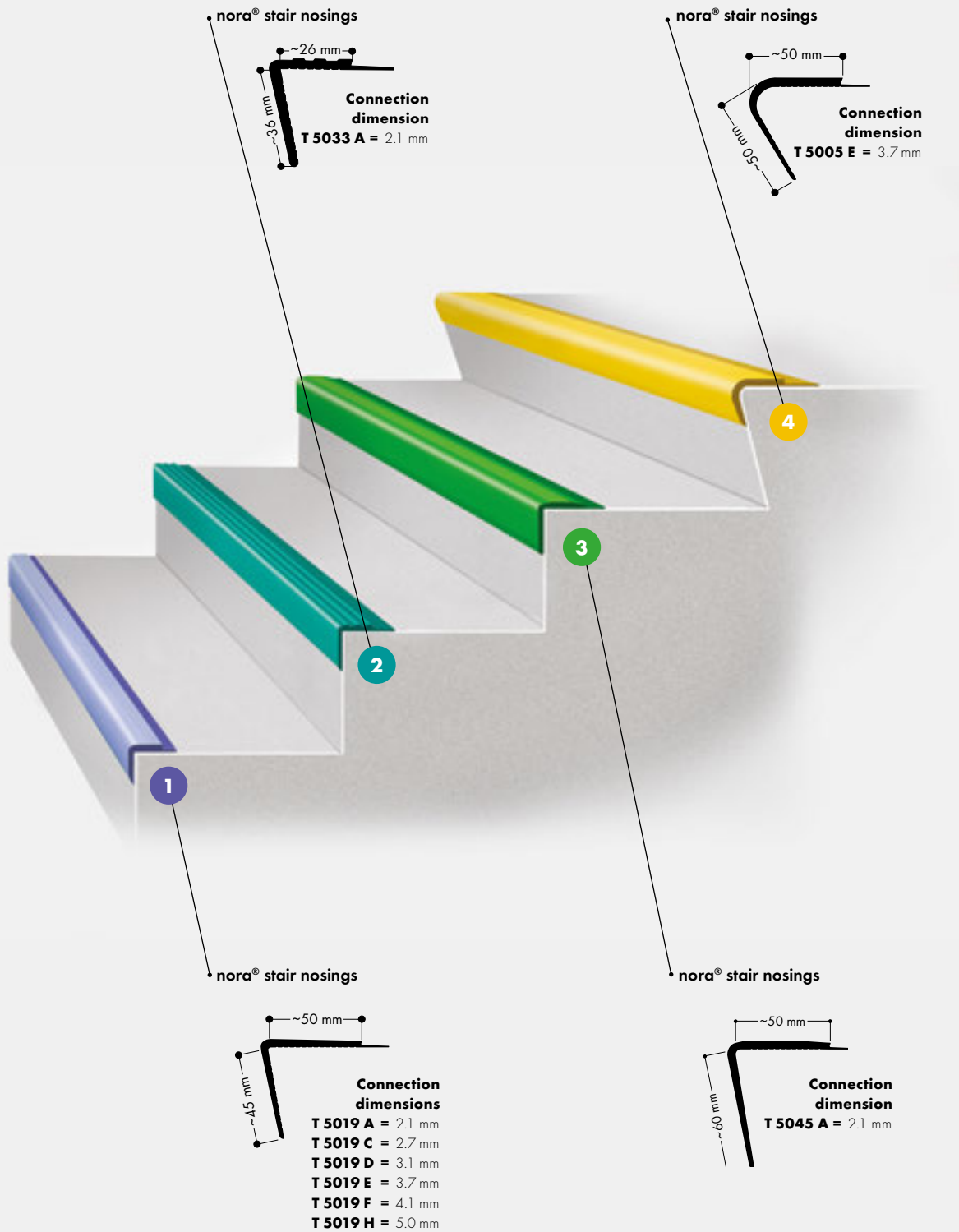
nora® stair nosings

T 5019/T 5033/T 5045/T 5005

nora® stair accessories



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 68).

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

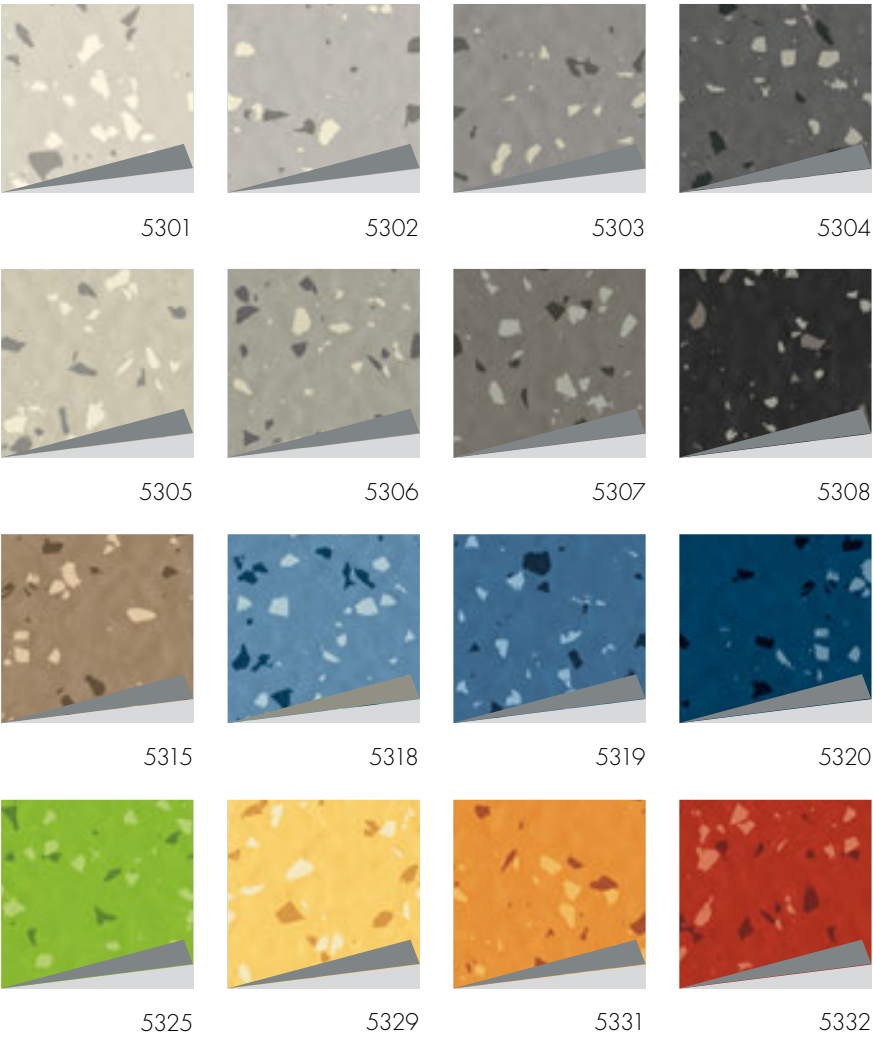
Application in new buildings also possible with increased residual moisture in the subfloor.



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



norament® 926 grano nTx · cubic-structure

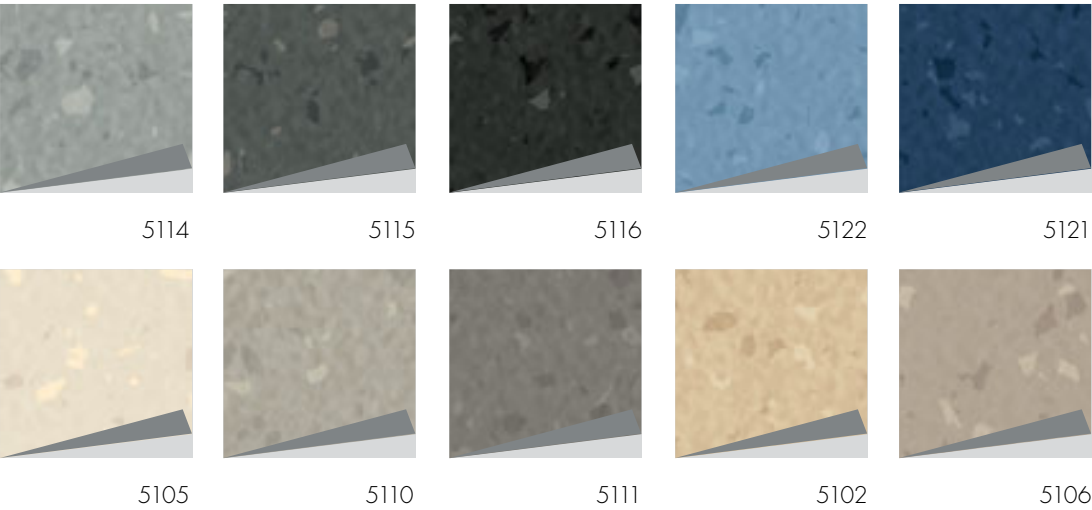


norament® 926 grano nTx

Art. 3127
□ ~1004 mm x 1004 mm



norament® 926 satura nTx · hammerblow surface



norament® 926 satura nTx

Art. 3111
□ ~1004 mm x 1004 mm




norament® 926 arago nTx · relief structure



norament® 926 arago nTx

Art. 3122
□ ~1004 mm x 502 mm



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 or on request.

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
1 C primer (Bonding agent)

Art. 6684
Primer for improved adhesion

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

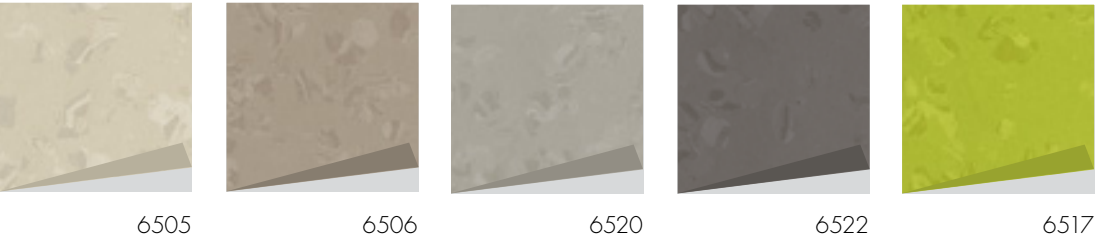


noraplan® signa nTx · smooth surface



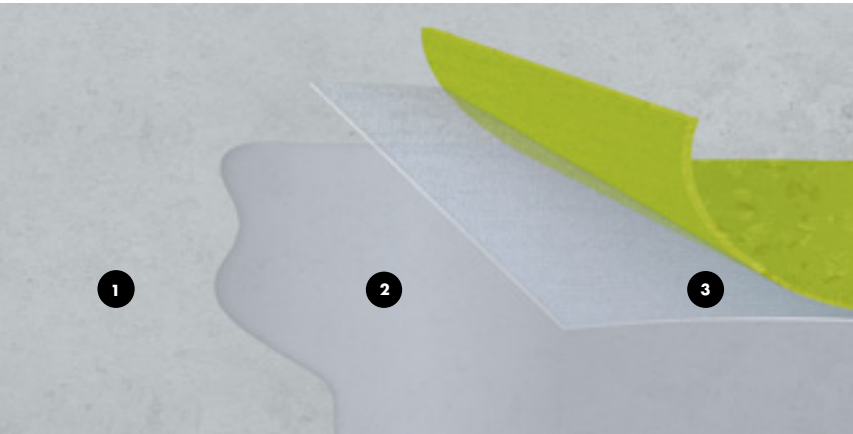
noraplan® signa nTx
Art. 181C
~1.22 m x 15.0 m
~2.1 mm

noraplan® sentica nTx · smooth surface



noraplan® sentica nTx
Art. 182C
~1.22 m x 15.0 m
~2.1 mm

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 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

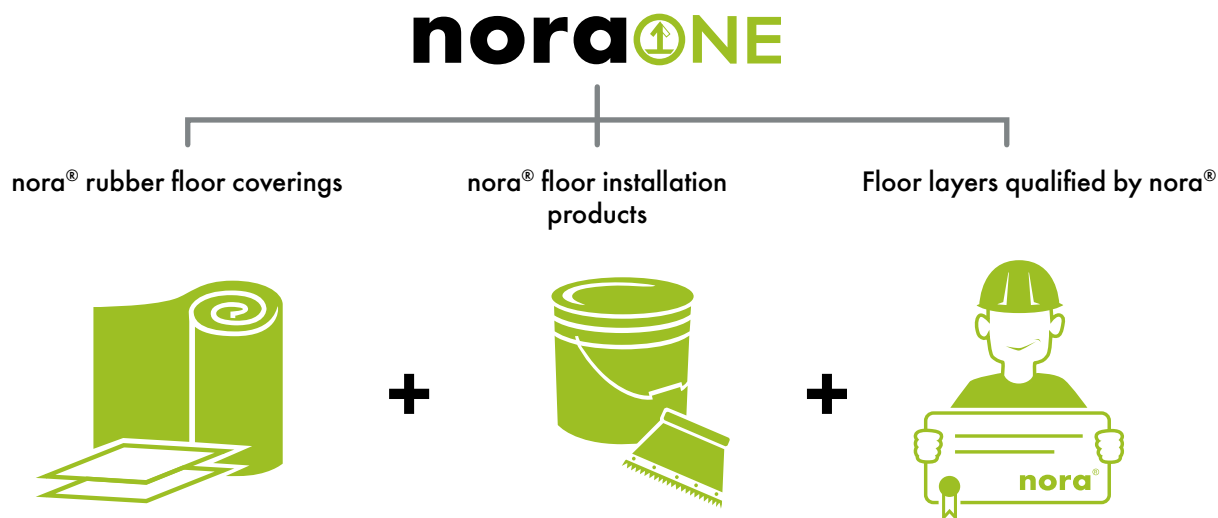
- Extended warranty period of eight years on the entire system
- Improved interior environment for long-term retention of property value



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

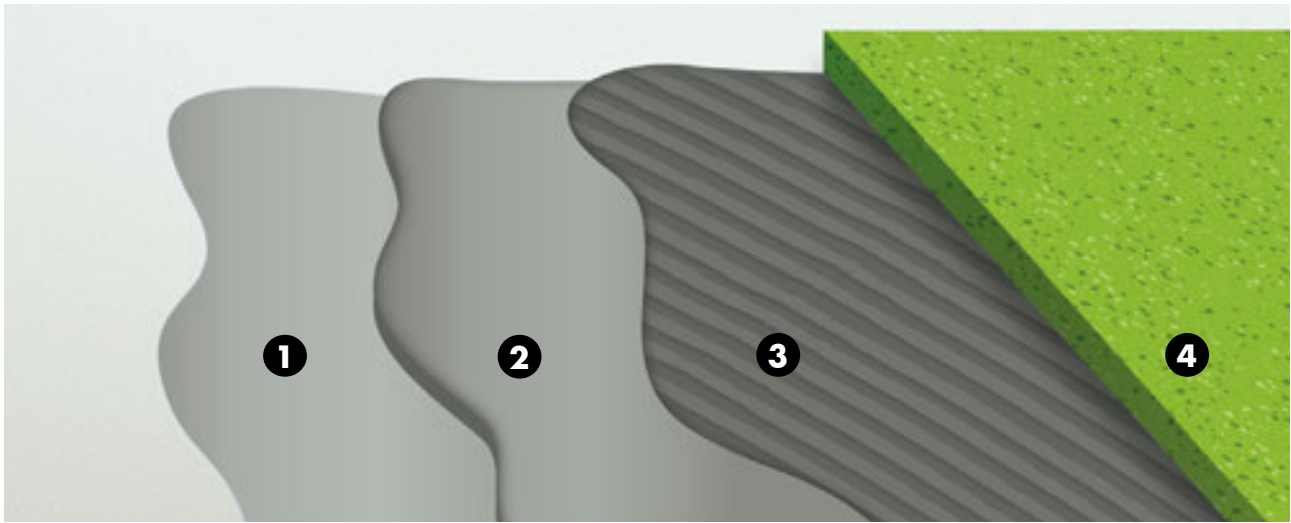
Our system has been awarded Indoor Air Comfort Gold and Greenguard Gold certificates and achieved positive test results from Polymer Service GmbH Merseburg. This enables us to grant our customers an extended warranty period of eight years on the nora one® complete system.



Details of the certified products are available at www.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® skirtings

4 S 1024 U Height 100 mm

 69*
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

 129*
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

 35*
S 1008 U

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

Art. 705

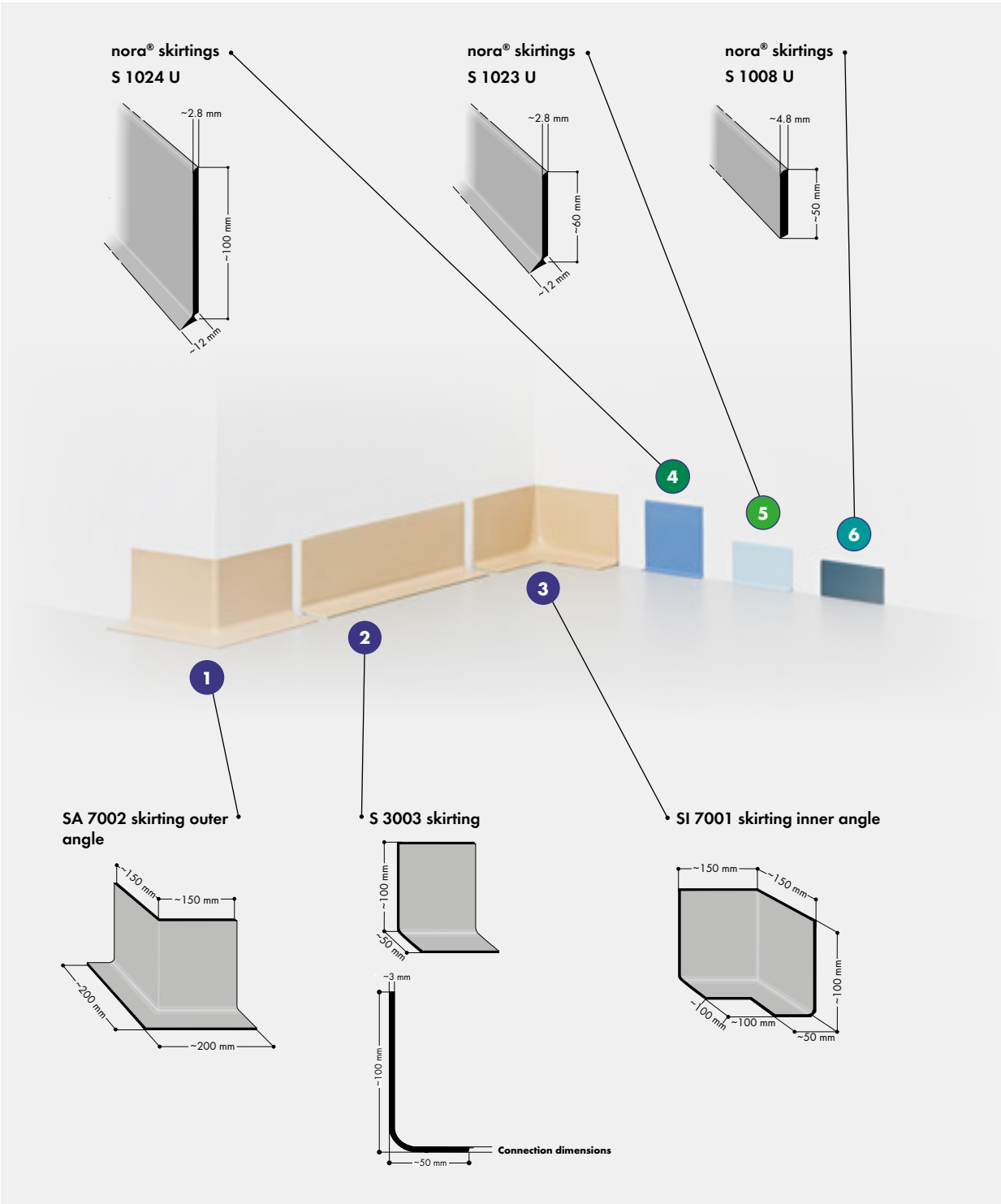
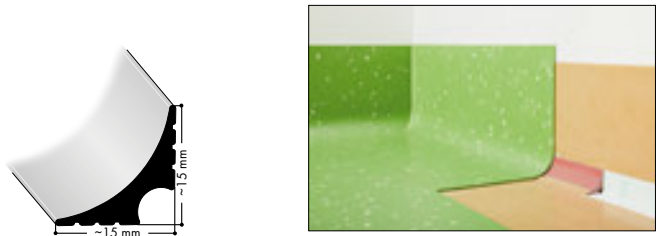
Delivery unit: in rolls of 10 r.m.

*Further colours on request

nora® cushioned-edge profile

H 9010
For optimum transition between the
noraplan® floor coverings and the wall.

Delivery unit: 5 rolls of 10 r.m.
Art. 7731



Skirting, S 1023 U

0007	1385	2454	4877	5321	6508	6522	6607	6714	6915	7066
0319	1581	2457	5109	5325	6509	6523	6608	6715	6917	7067
0702	1862	2491	5114	5329	6510	6525	6609	6717	6920	7072
0716	2078	2635	5115	6173	6511	6528	6611	6719	6921	7076
0749	2098	2666	5121	6178	6512	6529	6612	6721	6922	7102
0882	2099	2925	5122	6500	6513	6530	6616	6722	7033	7109
0884	2144	2944	5128	6501	6514	6532	6708	6723	7044	7112
1146	2380	2946	5301	6503	6515	6536	6709	6724	7047	7114
1150	2382	2949	5304	6504	6516	6537	6710	6725	7049	7119
1162	2402	2950	5306	6505	6517	6598	6711	6726	7051	
1279	2409	2962	5317	6506	6518	6604	6712	6728	7052	
1362	2446	4618	5318	6507	6519	6606	6713	6731	7065	

Skirting, S 1024 U

0007	1146	2382	2950	5317	6178	6509	6515	6523	6536	7051
0319	1150	2383	2962	5318	6501	6510	6516	6525	6537	7052
0702	1279	2666	4877	5321	6503	6511	6517	6528	7033	7065
0716	1385	2925	5301	5325	6506	6512	6518	6529	7044	7066
0749	1581	2944	5304	5329	6507	6513	6519	6530	7047	7067
0882	1862	2946	5306	6173	6508	6514	6522	6532	7049	7076
0884	2099	2949								

Skirting, S 1008 U

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

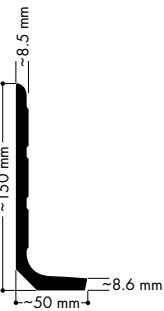
nora® special range

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

Delivery units and 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



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 norament® and noraplan® 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

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

nora® profix · Dry adhesive tapes

nora® profix 50

For quick installation of skirting S 1023 U.

Art. 992

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

Skirtings, 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									

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

nora® hot welding rod for noraplan®

Can be delivered in all colours to match the noraplan® floor covering colours.

Because noraplan® floor coverings do not contain any phthalate plasticizers, there is no shrinkage after installation. This is why the floorings do not have to be sealed. Only noraplan® acoustic floorings have to be sealed with the nora® hot welding rod. For the 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 on other small noraplan® surfaces the vertical joints of the skirtings are sealed with nora® joint sealing compound

Art. 946

Round, Ø 4 mm, rolls of 100 r.m.

nora® joint sealing compound

Since norament® and noraplan® floor coverings do not contain any phthalate plasticizers, there is no shrinkage after installation. This is why, with the exception of electrostatically dissipative noraplan® ed floorings, the floorings do not need to be sealed. It is, however, advisable to seal the joints in case of moisture-sensitive subfloors, in rooms permanently undergoing intensive wet cleaning or in areas with special hygienic requirements. For these special requirements, the sealing of all norament® and noraplan® floorings is suitable.

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 nora® 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"	nora® Pad 0 for the cleaning with machines for structured noraplan® floor coverings and noraplan® uni, noraplan® unita as well as noraplan® ultra grip:	Ø 330 mm	delivery unit: 4 pieces in one carton
nora® pad 0 – 14"		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

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 smooth noraplan® floor coverings as well as for norament® floor coverings with hammerblow 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"		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 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
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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 smooth noraplan® floor coverings and norament® floor coverings with hammerblow 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 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.

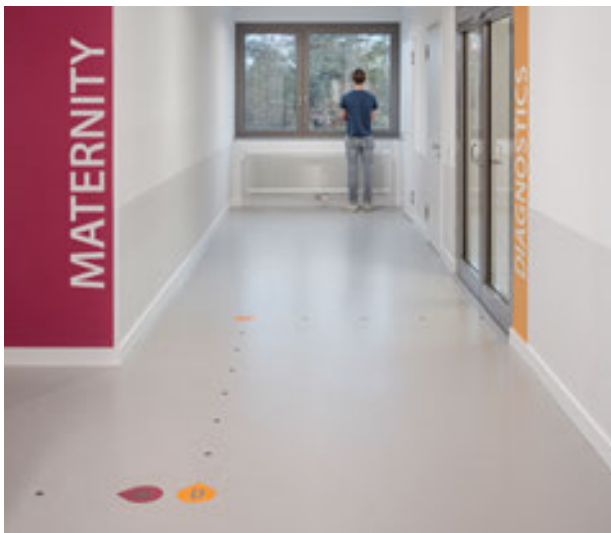
Inlays

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.



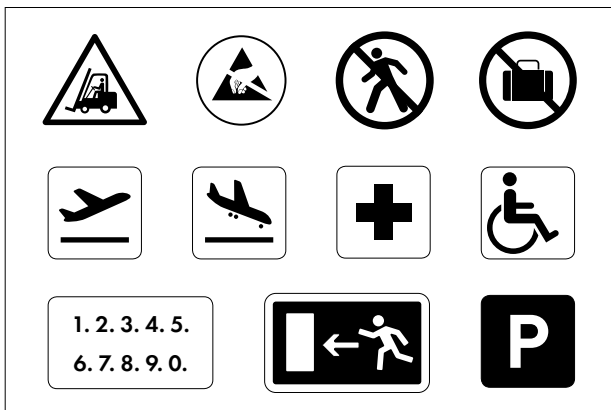


© Werner Huthmacher

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 GmbH

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 GmbH



Notting Hill Preparatory School, London, UK

© 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.

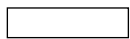
noraplan®



~ 610 mm x 305 mm



~ 610 mm x 205 mm



~ 610 mm x 152.5 mm



~ 1220 mm x 405 mm

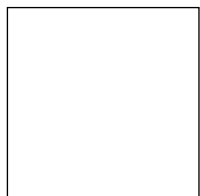


~ 1220 mm x 202.5 mm



~ 610 mm x 610 mm

norament®



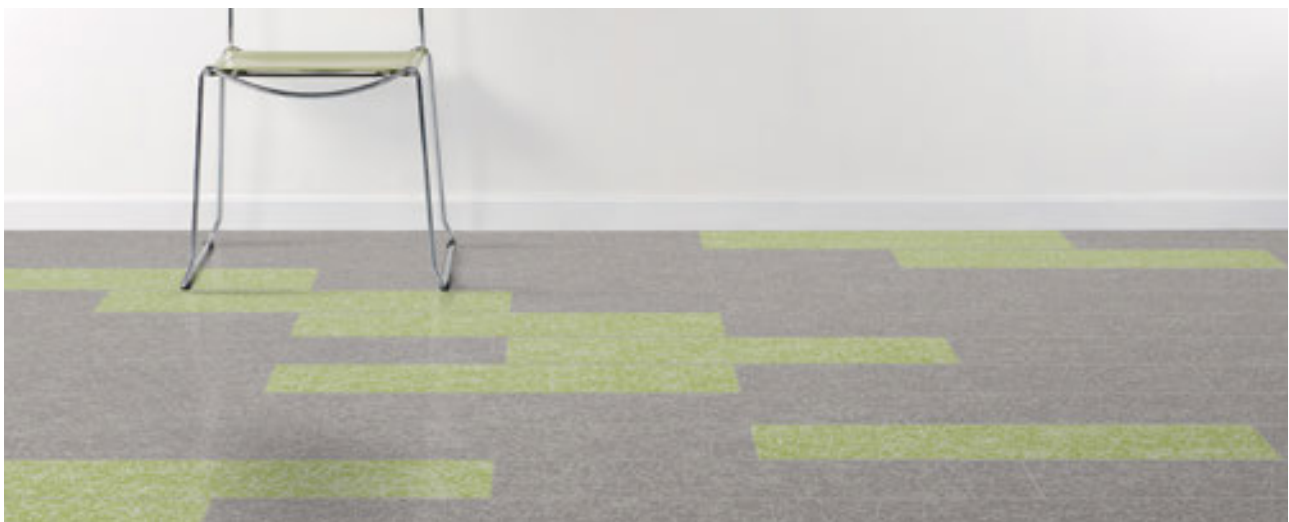
~ 1004 mm x 1004 mm

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.



Musikhochschule Barenboim-Said Akademie, Berlin, Germany

© Dirk Wilhelmy

	Test method	Requirements	Average test results from running production				
			926	926 grano 926 satura 926 arago	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	$\lambda = 0.17 \text{ W/(m·K)}$	Fulfilled				
			Suitable for underfloor heating systems				
Dynamic coefficient of friction	EN 13893	DS	Fulfilled				
Reaction to fire	EN 13501-1	Not bonded	C _F s1		C _F s1	C _F s2	B _F s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B _F s1		B _F s1	C _F s1	-
Properties acc. to EN 1817/EN 12199							
Thickness	EN ISO 24346	Mean value $\pm 0.20 \text{ mm}$ according to EN 12199	4 mm		3.2 mm	9 mm (Art. 1956)	
		Mean value $\pm 0.15 \text{ mm}$ according to EN 1817		3.5 mm		9 mm (Art. 1955)	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 $\geq 20 \text{ kN/m}$	40 kN/m	40 kN/m	35 kN/m	45 kN/m	40 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	$\geq 70 \text{ Shore A}$ (EN 12199) $\geq 75 \text{ Shore A}$ (EN 1817)	82 Shore A	82 Shore A	87 Shore A	70 Shore A	85 Shore A
Residual indentation	EN ISO 24343	Mean value $\leq 0.25 \text{ mm}$ at thickness $\geq 3.0 \text{ mm}$ Mean value $\leq 0.20 \text{ mm}$ at thickness $< 3.0 \text{ mm}$	0.12 mm	0.12 mm	0.12 mm	0.25 mm	0.07 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	115 mm ³	115 mm ³	130 mm ³	90 mm ³	150 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	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 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 9 975 LL serro = 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	15 dB	8 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure*				
Electrical insulation properties	EN 1081 R1		$> 10^9 \text{ Ohm}$				
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				

* 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 sentica 2.0 mm signa 2.0 mm stone 2.0 mm valua 2.0 mm lona 2.0 mm	unita 2.0 mm	ultra grip 2.0 mm	sentica 3.0 mm signa 3.0 mm valua 3.0 mm	sentica acoustic signa acoustic stone acoustic
CE conformity	EN 14041		Manufacturer: nora systems GmbH, D-69469 Weinheim					
DoP-No.	EN 14041		0018	0016	0010	0016	0017	
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m·K)}$	Fulfilled					
Dynamic coefficient of friction	EN 13893	DS	Suitable for underfloor heating systems					
Reaction to fire	EN 13501-1	Not bonded	Fulfilled					
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B _f s1	B _f s1, bonded	C _f s1	B _f s1, bonded	C _f s1	B _f 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 ≥ 4 Procedure B (burning) level ≥ 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 ³	150 mm ³	90 mm ³	150 mm ³	130 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	34/42	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 Ohm	10 ¹⁰ Ohm	10 ⁹ Ohm	10 ¹⁰ Ohm	10 ⁹ 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					

* 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[®] nTx

	Test method	Requirements	Average test results from running production			
			noraplan®	noraplan®	noraplan®	noramenti®
			eo nTx** senica nTx signa nTx stone nTx** unita nTx** valua nTx** lona nTx**	uni nTx**	ultra grip nTx**	926 grano nTx 926 sofira nTx 926 arago nTx
CE conformity	EN 14041		Manufacturer: nora systems GmbH, D-69469 Weinheim			
DoP-No.	EN 14041		0027	0028	0029	0031
Thermal conductivity	EN 10456	λ = 0.17 W/(m·K)	Fulfilled			
Dynamic coefficient of friction	EN 13893	DS	Fulfilled			
Reaction to fire	EN 13501-1		C _s -s1, bonded	B _s -s1, bonded	C _s -s1, bonded	C _s -s1, bonded
Properties acc. to EN 1817						
Thickness	EN ISO 24346	Mean value ± 0.15 mm according to EN 1817	2.1 mm or 3.1 mm**	2.1 mm	2.1 mm	3.6 mm
Dimensional stability	EN ISO 23999	± 0.4 %	± 0.3 %			
Cigarette-burn resistance	EN 1399	Procedure A (stubbed 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)	Fulfilled		
Hardness	ISO 484	≥ 75 Shore A	92 Shore A	94 Shore A	90 Shore A	82 Shore A
Residual indentation	EN ISO 24343	noraplan® nTx: Mean value ≤ 0.15 mm at thickness < 2.5 mm Mean value ≤ 0.20 mm at thickness ≥ 2.5 mm noramenti® nTx: Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness < 3.0 mm	0.05 mm	0.05 mm	0.07 mm	0.15 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	≤ 250 mm³	150 mm³	130 mm³	90 mm³	115 mm³
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			
Additional technical properties						
Weight	EN ISO 23997		2.1 mm: ~ 3.36 kg/m² 3.1 mm: ~ 5.08 kg/m²	~ 3.55 kg/m²	~ 3.30 kg/m²	~ 5.40 kg/m²
Tear strength	ISO 34-1, method B, procedure A		n. a.	n. a.	n. a.	35 kN/m
Slip resistance	DIN 51130		R 9* R 10* (reflection-breaking surface)	R 9*	R 11*	R 9* R 10* (arago nTx)
Improvement in footfall sound absorption	ISO 10140-3		2.1 mm: 4 dB 3.1 mm: 5 dB	3 dB	4 dB	8 dB
Effect of chemicals	EN ISO 26987	Depending on concentration and time of exposure	Resistant ^(A)			
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			
Fire behaviour/smoke behaviour						
Fulfills the requirements						
Fire behaviour	EN 13501-1		C _s -s1, bonded	B _s -s1, bonded	C _s -s1, bonded	C _s -s1, bonded
	EN 45545	Hazard Level	HL1*	n. a.		
Fire behaviour	ASTM E-648 / ISO 9239-1		Class 1 (≥ 0.50 W/cm²)*	n. a.		
Smoke density	ASTM E-662	Federal Railroad Administration	After 1.5 minutes < 100, after 4 minutes < 200*	n. a.		
Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic	-	-	Carbonisation gases are non-toxic
Adhesive characteristics						
Description			Pressure-sensitive hot melt adhesive			
Density			approx. 0.92 g/cm³			
Softening range	Kofler bench		approx. 105 °C			
Viscosity			45,000 mPas at 170 °C till 13,000 mPas at 190 °C			
Solid body content			87 %			
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				
			norament®		noraplan®		
			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
CE conformity	EN 14041		Manufacturer: nora systems GmbH, D-69469 Weinheim				
DoP-No.	EN 14041		0005	0022	0001	0001	0036
Thermal conductivity	EN 10456	λ = 0.17 W/(m·K)	Fulfilled				
			Suitable for underfloor heating systems				
Dynamic coefficient of friction	EN 13893	DS	Fulfilled				
Electrical behaviour	EN 1081	ed = ≤ 10 ⁹ Ohm	Fulfilled		Fulfilled		
		ec = ≤ 10 ⁹ Ohm		Fulfilled			Fulfilled
Reaction to fire	EN 13501-1	Not bonded	C _f s1, bonded	C _f s2	C _f s1		
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	C _f s1	C _f s1	B _f s1		C _f s1
Properties acc. to EN 1817							
Thickness	EN ISO 24346	Mean value ± 0.15 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	± 0.4 %	± 0.2 %		± 0.3 %		
Tear strength	ISO 34-1, method B, procedure A	Mean value ≥ 20 kN/m	45 kN/m	35 kN/m	-		
Cigarette-burn resistance	EN 1399	Procedure A (stubbied out) ≥ level 4 Procedure B (burning) ≥ level 3	Fulfilled				
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled			-	Fulfilled
Hardness	ISO 48-4	≥ 75 Shore A (EN 1817)	84 Shore A	90 Shore A	95 Shore A		
Residual indentation	EN ISO 24343	Mean value ≤ 0.15 mm at thickness < 2.5 mm Mean value ≤ 0.20 mm at thickness ≥ 2.5 mm	-		0.03 mm		
		Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness < 3.0 mm	0.05 mm		-		
Abrasion resistance at 5 N load	ISO 4649, procedure A	≤ 250 mm³	90 mm³	90 mm³	130 mm³		150 mm³
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		34/42	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				
Electrical behaviour**							
Resistance to EPA ground	ESD STM 7.1/ IEC 61340-4-1	Measuring the installed floor at 23 °C (± 2 °C) and ≥ 25 % r.h.	10 ⁶ - 9 x 10 ⁷ Ohm	< 10 ⁶ Ohm	10 ⁶ - 9 x 10 ⁷ Ohm		< 10 ⁶ 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 Ohm***	< 10 ⁶ Ohm	10 ⁶ - 10 ⁹ Ohm***		< 10 ⁶ Ohm
Operator system - Resistance to ground	ESD STM 97.1/ IEC 61340-4-5	For the system floor/conductive footwear (R < 5 x 10 ⁶ Ohm) measuring the installed floor at 23 °C (± 2 °C) and ≥ 25 % r.h.	≤ 3.5 x 10 ⁷ Ohm	< 3.5 x 10 ⁷ Ohm	≤ 3.5 x 10 ⁷ Ohm		< 3.5 x 10 ⁷ Ohm
Body voltage generation	ESD STM 97.2 IEC 61340-4-5	Tested with defined conductive footwear with 23 °C and 12 % r.h.	< 10 V				
Resistance to earth	EN 1081		10 ⁶ - 9 x 10 ⁷ Ohm	< 10 ⁶ Ohm	10 ⁶ - 9 x 10 ⁷ Ohm		< 10 ⁶ Ohm
Insulation resistance	VDE 0100-600		≥ 1 x 10 ⁵ Ohm	-	≥ 5 x 10 ⁴ Ohm	≥ 1 x 10 ⁵ Ohm	-

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

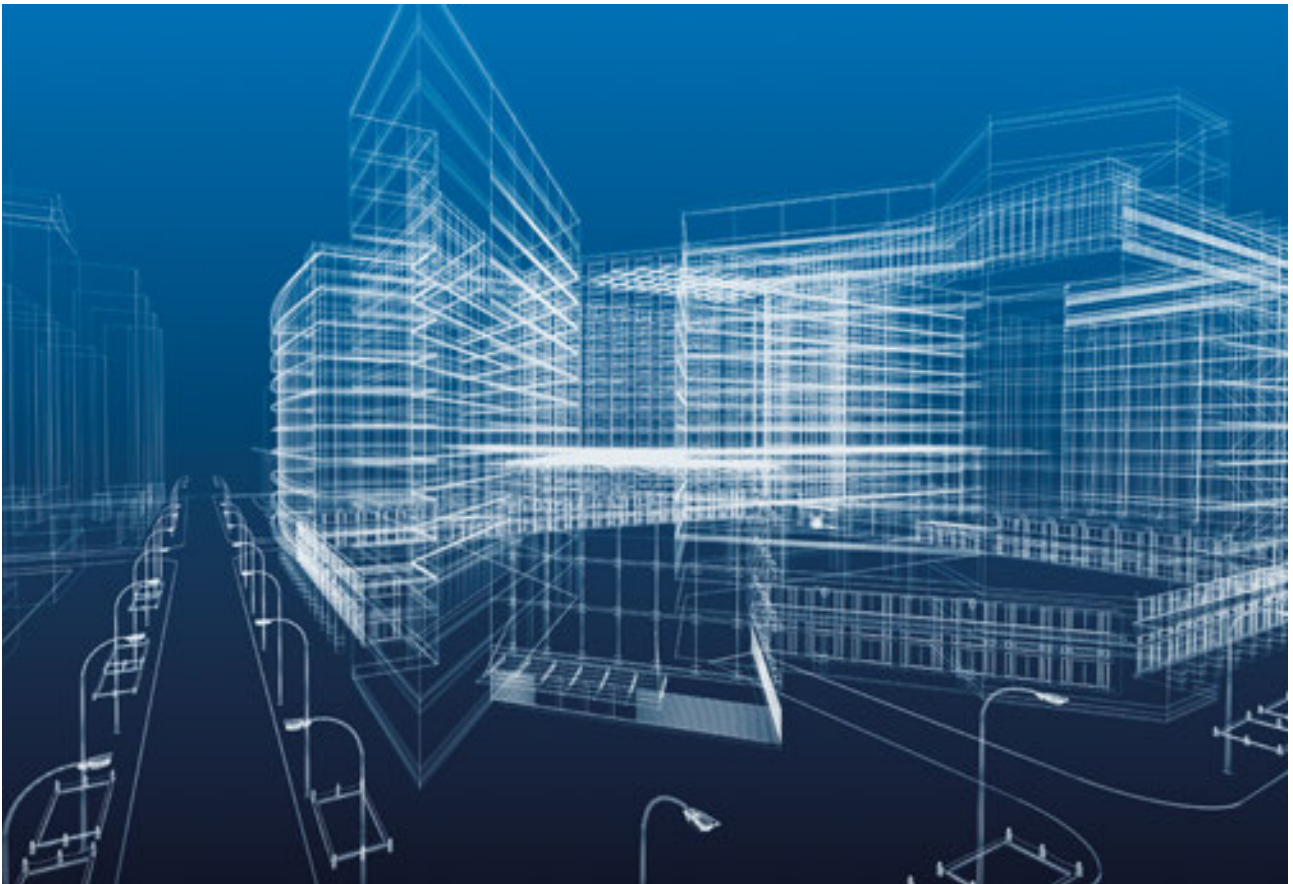
** If installed electrically dissipative and conductive in conformity with our installation instruction and according to the recommendations of the adhesive manufacturer.

The used adhesive has to have a permanent resistance of $R < 3 \times 10^5 \text{ Ohm}$ 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.

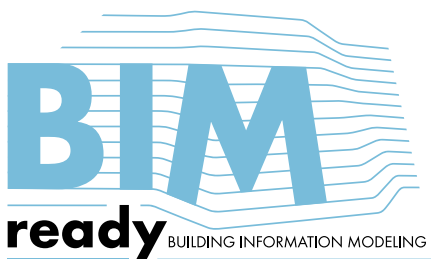
EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings

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



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. In this way, a large amount of additional information, which is directly assigned to the installed materials, can be accessed quickly. 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. Each planner creates his own, trade-specific model, which is merged with the other individual models to finally represent the entire project.



Special IT programs are required for working with BIM. 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.

Please note

norament® and noraplan® 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