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 colour pigments, the rubber is extracted into blanks, pressed and then vulcanized with heat and under high pressure. This process gives our floor coverings their permanently resilient properties and their extremely resistant surface.

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

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

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

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About Interface

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

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

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

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

As a part of the Interface Group, nora systems GmbH has been included into the Carbon Neutral Floors™ program in 2019 as well, which means that also nora® rubber floor coverings are 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/

Memberships and corporate certifications

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

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

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

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

Eco-labels, approvals and Environmental Product Declarations

The Blue Angel
One of the world’s most famous and oldest eco-label, initiated by the Cabinet of Germany. This guarantees that products fulfill particularly stringent environmental, health, and performance requirements, including emission and constituent specifications.
Approval criteria: DE-UZ 120

Greenguard Gold
Greenguard Gold Certification promotes the protection and safety of sensitive persons in regards to indoor air quality. Certified products fulfill stringent emission standards, affording an invaluable contribution to the quality of indoor air.
Approval criteria: UL 2818 Standard for Chemical Emissions for Building Materials

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

Austrian eco-label
The Austrian eco-label is awarded by the Austrian Ministry of Agriculture, Forestry, Environment, and Water Management. It provides information on the environmental impact of consumer goods that arises from their production, usage and disposal. Certified floor coverings exert as small an impact as possible on the environment and health over their whole life cycle.
Approval criteria: UZ 42

M1
The Finnish test mark M1 is regarded as the highest certification for building products in the Scandinavian region. Besides stringent emission thresholds for total volatile organic compounds (TVOCs), the label also includes a sensory odour test.
Approval criteria: Classification of Indoor Climate 2018 and the Classification of Building Materials: General Instructions.

Etiquetage
In France, building products are classified according to their potential for emissions. The object is to eliminate risks to the health of persons inside the building.
Approval criteria: French VOC label: Emissions dans l’air intérieur [Décret n° 2011-321]
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: Byggvarubedömningen’s criteria for chemical content and lifecycle aspects

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

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

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

Global GreenTag
Global GreenTag is a multi-criteria, green product rating and certification system. It examines the Life Cycle Assessment (LCA) of a product and assesses different benefits as for example greenhouse gas emissions, human health and ecotoxicity as well as biodiversity and resource consumption. Products are awarded on the following three levels: A, B and C.
Approval criteria: GreenTag Standard v4.0

Details on eco-labels, approvals and Environmental Product Declarations can be found at certificates.nora.com
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 colour pigments, pulled into blanks, pressed and then vulcanized under heat and high pressure.

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

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

norament®

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

noraplan®

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

Special floorings

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

© Sebastian Singer
norament®, the pioneer among rubber floor coverings, represents absolute top quality and functionality. The standard square tile sizes of 1004 x 1004 mm are available in a wide range of colour and surface designs. Get to know our norament® product portfolio on the following pages, and feel free to call your personal contact with any questions you may have.
Children’s Hospital Colorado, USA © John Wagman Global Photo Associates

Kita “An der Schutter”, Ingolstadt, Germany © Dirk Wilhelmy

raz, Berlin, Germany © Stephan Falk

Elementary and Middle School Niederaichbach, Germany © Markus Bachmann
norament® 926/825

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

Art. 926/354

~1004 mm x 1004 mm

nora® profile connection dimension: E + U

Resists most oils and greases

These colours can also be delivered as:

Star tread norament® 926, page 68

Price category

norament® 825

Art. 825/1902

~501 mm x 501 mm

nora® profile connection dimension: D + U

*Colour design by Sir Norman Foster

Special colours are available on request.
Please ask for minimum quantities and delivery times.
norament® 926 grano

A granular design rich in contrast with a hammerblow surface or a cubic structure for use in extremely heavy-traffic areas.
norament® 926 grano - hammerblow surface

norament® 926 grano
Art. 926 grano/1880
\[\sim 1004 \text{ mm } \times \text{ 1004 mm}\]
nora® profile connection dimension: E + U
Resists most oils and greases
Slip resistant R9

These colours can also be delivered as:

\begin{itemize}
  \item Special flooring norament® 928 grano ed electrostatically dissipative, page 55
  \item Stairtread norament® 926 grano, page 69
  \item norament® 926 grano nTx, page 79
\end{itemize}

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
Art. 926 grano/1911
\[\sim 610 \text{ mm } \times \text{ 610 mm}\]
nora® profile connection dimension: E + U
Resists most oils and greases
Slip resistant R10

norament® 926 grano
Art. 926 grano/1870
\[\sim 1004 \text{ mm } \times \text{ 1004 mm}\]

Vehmaan School, Vehmaa, Finland © nora systems
Tone-in-tone granular design with a hammerblow surface for use in extremely heavy-traffic areas.
norament® 926 satura

Art. 926 satura/1880

\[ \sim 1004 \text{ mm} \times 1004 \text{ mm} \]

\[ \sim 3.5 \text{ mm} \]

nora® profile connection dimension: E + U

Resists most oils and greases

These colours can also be delivered as:

- Stairtread norament® 926 satura, page 70
- norament® 926 satura nTx, page 79

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

Special colours are available on request.
Please ask for minimum quantities and delivery times.
Slightly structured two-tone surface combined with an irregular grain design and modern marbling for maximum demands. No two tiles are the same – each tile is totally unique.
norament® 926 castello

Art. 926 castello/3167

~ 1004 mm x 1004 mm

~ 3.5 mm

nora® profile connection dimension: E + U

Resists most oils and greases

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

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.
Order-related smaller formats can be cut for individual installation combinations from norament® 926 arago tiles with the standard dimensions of 1004 mm x 502 mm. We supply tiles with chamfered edges on request such that the tile character of the installed floor covering is even more emphasized. Variations in colour and design, even within one production batch, define the product’s aesthetic character.

These colours can also be delivered as:

- Stair tread norament® 926 arago, page 71
- norament® 926 arago nTx, page 79

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.
Irregular grain design with a slightly structured two-tone surface for high demands.
norament® 926 kivo

Art. 926 kivo/3166

≈ 1004 mm x 1004 mm

~ 2.7 mm

nora® profile connection dimension: C + U

Resists most oils and greases

Special colours are available on request.
Please ask for minimum quantities and delivery times.
noraplan® floor coverings are available as sheet material or tiles, and offer an unlimited scope of design possibilities due to the variety of designs and colours. All noraplan® floorings are suitable for heavy-traffic areas. Learn more about the noraplan® product portfolio, the natural properties as well as the possible applications.
Elastic design with silk-matte, lightly structured surface that adds visual depth to the filigree arrangement of contrasting colours and accents.
### noraplan® lona

**Art. 1668**
- \( \approx 1.22 \text{ m} \times 15.0 \text{ m} \)

**Art. 2668**
- \( \approx 610 \text{ mm} \times 610 \text{ mm} \)
- \( 15 \text{ tiles} = 5.58 \text{ m}^2 \) in one carton

- \( \approx 2.0 \text{ mm} \)

nora® profile connection dimension: A + U

*Also available as noraplan® lona nTx, page 78*

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

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Kindergarten Schönmatterweg, Germany © Dirk Wilhelmy
Subtle directional lines create gently shaded contrasts with the base colour. The linear surface at once accentuates and visually supports the restrained design.
noraplan® linee

Art. 160E

~1.22 m x 15.0 m

~2.0 mm

nora® profile connection dimension: A + U

Also available as noraplan® linee nTx, page 78

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

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

Art. 1700
38
Art. 1701
38
Art. 2700
■
Art. 2701
■

∼1.22 m x 12.0 m
∼1.22 m x 15.0 m
∼610 mm x 610 mm
∼610 mm x 610 mm

= 3.72 m² in one carton
= 5.58 m² in one carton

These colours can also be delivered as:

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

Additional information on nora® nTx can also be found at ntx.nora.com.
Special colours are available on request. Please ask for minimum quantities and delivery times.
noraplan® signa

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

noraplan® signa
Art. 1462
∅ ~1.22 m x 15.0 m
Art. 2462
| ~610 mm x 610 mm
| 15 mm² = 5.58 m² in one carton

nora® profile connection dimension: A + U
Slip resistant R9

noraplan® signa
Art. 1690
∅ ~1.22 m x 15.0 m
Art. 2690
| ~610 mm x 610 mm
| 15 mm² = 3.72 m² in one carton

nora® profile connection dimension: A + U
Slip resistant R10

These colours can also be delivered as:
- Special flooring noraplan® signa ed electrostatically dissipative, page 57
- Special flooring noraplan® signa acoustic hooffall sound-absorbing 20 dB, page 60
- noraplan® signa nTx, page 79

noraplan® signa - reflection-breaking surface

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

Art. 174A

~1.22 m x 15.0 m

nora® profile connection dimension: A + U

Also available as noraplan® valua nTx, page 78

Art. 175A

~1.22 m x 12.0 m

nora® profile connection dimension: D + U

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® stone

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

noraplan® stone - smooth surface

6601  1146  1862  2306

6613  6614  6607  1279

noraplan® stone

Art. 1600

~1.22 m x 15.0 m

Art. 2600

~610 mm x 610 mm

15 = 5.58 m² in one carton

~2.0 mm

nora® profile connection dimension: A + U

Slip resistant R9
noraplan® stone - reflection-breaking surface

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noraplan® uni

One-coloured with a smooth surface.

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noraplan® uni

Art. 1461

~1.22 m x 12.0 m

Art. 2461

~610 mm x 610 mm
15 ~ 5.58 m² in one carton

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

Art. 1640

∼2.0 mm

nora® profile connection dimension: A + U

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

Special colours are available on request. Please ask for minimum quantities and delivery times.
Design with large, contrasting granules with a smooth surface.
noraplan® eco

Art. 1490
∼1.22 m x 15.0 m

Art. 2490
∼610 mm x 610 mm
15 = 5.58 m² in one carton

nora profile connection dimension: A + U

Also available as noraplan® eco nTx, page 78

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

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

Design with discretely dispersed granite chips

**Art. 1569**

- ~1.20 m x 15.0 m
- ~2.0 mm

nora® profile connection dimension: A + U

Resists most oils and greases

Special colours are available on request.
Please ask for minimum quantities and delivery times.
nora® special floorings

We have developed our special floorings for areas subject to special technical standards and requirements. These include e.g. acoustic coverings with an impact sound improvement index of 20 dB, electrostatically dissipative or conductive qualities, or highly specialised solutions for ice rinks, golf facilities, and many more. With noracare® we also offer a special sheet flooring for areas with extraordinary demands on hygienic cleaning and maintenance as well as stain and chemical resistance. Get to know the range of designs and variants on the following pages.
norament® 975 LL

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

norament® 975 LL - grano design
Hammerblow surface

- 5302
- 5303
- 5304
- 5329
- 5314
- 5318

norament® 975 LL
Art. 975 LL/1880
\[ \sim 1000 \text{ mm} \times 1000 \text{ mm} \]

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

norament® 975 LL
2
Art. 975 LL/3042
~1000 mm x 500 mm
~3.5 mm
nora® profile connection dimension: E + U

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

Special colours are available on request. Please ask for minimum quantities and delivery times.
norament® 992/992 grano

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

norament® 992 - round pastille

0702 0319 2079 0882

6172 0866

norament® 992

Art. 992/1956

~1002 mm x 1002 mm

nora® profile connection dimension: N

Special colours are available on request.
Please ask for minimum quantities and delivery times.
norament® 992 grano - hammerblow surface

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

norament® 992 grano
Art. 992 grano/1955
~1002 mm x 1002 mm

nor® profile connection dimension: N

~3.0 mm
~6.0 mm
~9.0 mm

SAP-Arena, Mannheim, Germany © nora systems
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

noraplan® astro ec

norament® 927 grano ec

noraplan® astro ec
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

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

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

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

Special colours are available on request. Please ask for minimum quantities and delivery times.
noraplan® signa ed

Art. 1390
~1.22 m x 15.0 m

Art. 2390
~0.51 m x 0.51 m
15 = 5.58 m² in one carton

nora® profile connection dimension: A + U

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

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

<p>| | | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>6601</td>
<td>1146</td>
<td>2306</td>
<td>6603</td>
</tr>
</tbody>
</table>

noraplan® stone ed

Art. 129
\[ \sim 1.22 \text{ m} \times 1.50 \text{ m} \]

Art. 229
\[ \sim 610 \text{ mm} \times 610 \text{ mm} \]
15 \[ = 5.58 \text{ m}^2 \text{ in one carton} \]
\[ \sim 2.0 \text{ mm} \]

nora® profile connection dimension: A + U

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

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

Hospital Siloah, Hannover, Germany

© Markus Bachmann
noraplan® acoustic

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

noraplan® sentica acoustic

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

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

noraplan® stone acoustic

Art. 148

6613
6610
1146
1862
6614
6615
6607
1279

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® special floorings | nora systems 61

College Thomas More Mechelen, Belgium © Bart Gosselin
noracare®

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

noracare® seneo

Single-coloured design with iridescent marbled colour granules, which are harmoniously matched to the base colour with minimal contrast. Close up, the 24 colours of the noracare® seneo colour palette create a perceptible pattern, while from a distance they appear almost uni-coloured.
noracare® seneo 24
Art. 133E ~1.22 m x 15.0 m

Please note: noracare® floorings must be sealed with nora® joint-sealing compound or nora® hot welding rod. Further details can be found in the noracare® installation recommendation.

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

noracare® uneo

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

Art. 1400
~1.22 m x 15.0 m

-2.0 mm
nora® profile connection dimension: A + U

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

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

Special colours are available on request.
Please ask for minimum quantities and delivery times.
nora® stairwell solutions

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

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

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

Stairtread norament® 926
One-coloured with classic round pastille. Improves footfall sound absorption by 12 dB.

Stairtread norament® 926

Art. 926/465 – width 1285 mm
Art. 926/466 – width 1614 mm
Art. 926/467 – width 2004 mm

○ = Price category
Stairtread norament® 926 grano
Granular design rich in contrast with a hammerblow surface. Improves footfall sound absorption by 12 dB.
Stairtread norament® 926 satura
Tone-in-tone granular design with a hammerblow surface. Improves footfall sound absorption by 12 dB.

Art. 926 satura/479 – width 1 285 mm
Art. 926 satura/468 – width 1 614 mm
Art. 926 satura/469 – width 2 004 mm
Stairtread norament® 926 arago
Flat, direction-oriented relief structure with fine grain design and modern marbling. Improves footfall sound absorption by 12 dB.

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

Available from March 2021.
norament® stairstreads with signal or safety stripes

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

- Signal stripes, yellow, phosphorescent in accordance with DIN 67510, in a width of 2 cm, integrated into the tread area of the stair nosing.

- Signal stripes uni, in widths of 2, 3, 4 or 5 cm (5 cm only available for stairtread norament® 926 arago or for stairstreads with hammerblow surface) in the colours 0122 light grey and 0895 signal yellow, integrated into the tread area. Also available in widths of 2 or 3 cm set into the vertical part of the stair nosing.

- Safety stripes ultra grip for increased slip resistance in widths of 2, 3, 4 or 5 cm (5 cm only available for stairtread norament® 926 arago or for stairstreads with hammerblow surface) in the colours 6029 yellow and 6014 grey, integrated into the tread area. Also available in widths of 2 or 3 cm set into the vertical part of the stair nosing.

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

Further options are available.
nora® stair accessories

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

nora® stair nosings

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

nora® stair angles

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

nora® skirting and stringer profile

nora® stair margin

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

Art. 819
~600 mm x 100 mm
Thickness 10 mm
Supplied as: pieces
nora® stair accessories

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
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<tr>
<td>nora® stair angles TG 7004 U (Outer angle)</td>
<td>Wall side With same cross-section as adjoining skirting S 1008 U</td>
</tr>
<tr>
<td>nora® stair angles TG 7003 U (Inner angle)</td>
<td>Banister side With same cross-section as stringer A 5013 U</td>
</tr>
<tr>
<td>nora® stair angles TW 7006 U (Outer angle)</td>
<td></td>
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<tr>
<td>nora® stair angles TW 7005 U (Inner angle)</td>
<td></td>
</tr>
<tr>
<td>nora® stair margin</td>
<td></td>
</tr>
<tr>
<td>nora® stair nosings</td>
<td>Fixing with nora® stepfix 240 roll-type dry adhesive</td>
</tr>
<tr>
<td>TA 1203</td>
<td>For flooring thicknesses of 2.5 mm</td>
</tr>
<tr>
<td>T 5044 A/C</td>
<td>For flooring thicknesses of 2.0 to 2.7 mm</td>
</tr>
<tr>
<td>T 5044 E/F</td>
<td>For flooring thicknesses of 3.5 to 4.0 mm</td>
</tr>
<tr>
<td>T 5049 A/C</td>
<td>For flooring thicknesses of 2.0 to 2.7 mm</td>
</tr>
<tr>
<td>T 5049 E/F</td>
<td>For flooring thicknesses of 3.5 to 4.0 mm</td>
</tr>
</tbody>
</table>

nora® stair accessories
nora<sup>®</sup> 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<sup>®</sup> stair nosings

T 5019/T 5033/T 5045/T 5005

nora<sup>®</sup> stepfix 240

Special roll-type dry adhesive

For quick installation of nora<sup>®</sup> stair treads, stairwell installations with nora<sup>®</sup> stair nosing T 5044 and nora<sup>®</sup> stair margin.

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

Art. 907
Delivery unit: 1 roll of 50 m in one carton
nora® special range

nora® stair nosings

Connection dimension
T 5033 A = 2.1 mm

T 5033 C = 2.7 mm

T 5033 D = 3.1 mm

T 5033 E = 3.7 mm

T 5033 F = 4.1 mm

T 5033 H = 5.0 mm

nora® stair nosings

Connection dimension
T 5005 E = 3.7 mm

nora® stair nosings

Connection dimension
T 5045 A = 2.1 mm

nora® special range
nora® nTx
The new generation flooring system

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

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

The advantages at a glance:

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

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

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

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

- **Use with residual moisture**: Application in new builds also possible with increased residual moisture in the subfloor.

- **Covering-over-covering installation**: In the case of renovations, installation is possible directly over existing floor coverings in just a few steps.
norament® 926 grano nTx - hammerblow surface

norament® 926 castello nTx - two-tone surface

norament® 926 arago nTx - relief structure

norament® 926 satura nTx - hammerblow surface

norament® 926 castello nTx

norament® 926 arago nTx

norament® 926 satura nTx

norament® 926 grano nTx

norament® 926 satura nTx

norament® 926 grano nTx

norament® 926 arago nTx

norament® 926 satura nTx

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 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 standards of quality. Moreover, nora® nTx 020 can be applied to subfloors with higher residual moisture levels.

nora® nTx 020

1C primer (Bonding agent)

Art. 6684
Prime for improved adhesion
Available as 5 kg or 12 kg container

nora® nTx tools

nora® nTx sanding disc incl nTx K3
Sanding disc for preparing substrates

Art. 6685
Suitable sanding discs for the machines: Mambo, Columbus, and Orkan. Already fitted with sanding tool nTx K3. NOTE: Please specify the machine type in your order

nora® nTx K3
Sanding tool (fine)

Art. 6686
Sanding tool for nTx sanding disc

nora® nTx K2
Sanding tool (coarse)

Art. 6687
Sanding tool for nTx sanding disc

noraplan® signa nTx

- smooth surface

nora® profile connection dimension: A + U

noraplan® sentica nTx

- smooth surface

nora® profile connection dimension: A + U

The system configuration

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

nora® nTx 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 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 Emicode 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 Emicode EC1+ certificates
Overview of system components

nora® rubber floor coverings + nora® floor installation products + Floor layers qualified by nora®

Certified complete system with extended warranty

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

Details of the certified products and further information on eco labels are available at certificates.nora.com or upon request.

© nora systems
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
**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
   - 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
   - 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
   - SI 7001 D
   - 8°
   - SI 7001 E
   
   Suitable for Skirting S 3003  
   Art. 507  
   Delivery unit: as pieces  
   Connection dimensions:  
   A = 2.1 mm  
   D = 3.1 mm  
   E = 3.7 mm  
   *Further colours on request

**nora® skirting**

4. **S 1024 U**  
   Height 100 mm
   - 61°
   - S 1024 U
   
   For areas with stringent requirements in terms of appearance. The permanently resilient sealing lip of S 1024 U reliably accommodates pastille heights of up to 1 mm. Also suitable as wall stringer with raised-access floors.  
   Art. 713  
   Delivery unit: in rolls of 10 r.m.  
   *Further colours on request

5. **S 1023 U**  
   Height 60 mm
   - 120°
   - S 1023 U
   
   For areas with stringent requirements in terms of appearance. The permanently resilient sealing lip of S 1023 U reliably accommodates pastille heights of up to 1 mm. Also suitable as wall stringer with raised-access floors.  
   Art. 712  
   Delivery unit: in rolls of 10 r.m.  
   *Further colours on request

6. **S 1008 U**  
   Height 50 mm
   - 37°
   - S 1008 U
   
   Multi-purpose skirting  
   Adjoining skirting for nora® stair angles “TW”  
   Art. 705  
   Delivery unit: in rolls of 10 r.m.  
   *Further colours on request
nora® cushioned-edge profile

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

Delivery unit: 5 rolls of 10 m
Art. 7731

nora® skirting
S 1023 U

nora® skirting
S 1024 U

nora® skirting
S 1008 U

SA 7002 skirting outer angle

S 3003 skirting

SI 7001 skirting inner angle

Skirting, S 1023 U

Skirting, S 1024 U

Skirting, S 1008 U
Joint sealing compound
Skirting inner angle, SA 7002 E/SI 7001 E
Skirting, S 3003 E

S 1013 U
Special sealing compound for nora® floor coverings. Suitable for new builds and renovations.
Advantages: 5 times as quick, can be walked on immediately, odourless, economic, low-emission and reliable.
Art. 907
Delivery unit: 1 roll of 50 r.m. in one carton
nora® dryfix 240 · Dry adhesive supplied in rolls
For quick installation of norament® stair treads, stairwell installations with nora® stair nosing S 1044 and nora® stair margin.
Art. 907
Delivery unit: 1 roll of 50 r.m. in one carton
nora® profix · Dry adhesive tapes
nora® stepfix 240 · Dry adhesive supplied in rolls
For quick installation of norament® stair treads, stairwell installations with nora® stair nosing S 1044 and nora® stair margin.
Art. 992
Delivery unit: 4 rolls of 50 r.m. in one carton
nora® profix 90
For quick installation of skirtings S 1024 U, S 3003 as well as for pedestal formation through wall nosings (cushioned-edge profile).
Art. 993
Delivery unit: 2 rolls of 30 r.m. in one carton
nora® dryfix 750 · Dry adhesive supplied in rolls
For the permanent fixing of nora® floor coverings. Suitable for new builds and renovations.
Advantages: 5 times as quick, can be walked on immediately, odourless, economic, low-emission and reliable.
Art. 6556
Delivery unit: 1 roll of 50 r.m. in one carton
Skirting, S 3003 E/SI 7001 E
Skirting inner angle, SA 7002 E/SI 7001 E
Skirting, S 3003 E/SI 7001 E
Skirting inner angle, SA 7002 A/SI 7001 A/SA 7002 D/SI 7001 D
Skirting, S 3003 A/S 3003 D
nora® special range
The special range offers profiles with different cross-sections for further applications.
Minimum order quantities on request.
The profiles shown here are examples only. Further individual designs are available on request.
nora® skirting S 3014 N
Special skirting for norament® 992 and norament® 992 grano.
Delivery unit: 2 m
nora® skirting S 1013 U
Skirting 10 cm high, also suitable for the use on other floor coverings.
Delivery unit: in rolls of 10 r.m.
nora® hot welding rod

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

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

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

Art. 946
Round, Ø 4 mm, rolls of 100 r.m.

nora® joint sealing compound

For all nora® floor coverings

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

Art. 928
300 ml cartridge
1 disposable cartridge, sufficient for 20–25 r.m.

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

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

Art. 6688

nora® pad 0 – 10”  nora® Pad 0

Ø 254 mm  delivery unit: 4 pieces in one carton

nora® pad 0 – 13”  for the cleaning with machines for structured noraplan® floor coverings and noraplan® uni, noraplan® unita, noraplan® ultra grip as well as for norament® floor coverings with two-tone surface:

Ø 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”

for polishing cleaned floor coverings with a high speed machine for structured noraplan® floor coverings and noraplan® uni, noraplan® unita, noraplan® ultra grip as well as for norament® floor coverings with two-tone surface:

Ø 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”  nora® Pad 1

Ø 254 mm  delivery unit: 4 pieces in one carton

nora® pad 1 – 13”  for daily maintenance cleaning with machines for smooth noraplan® floor coverings and 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”

for polishing cleaned floor coverings with a high speed machine for structured noraplan® floor coverings and norament® floor coverings with hammerblow or cubic structure:

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

for intermediate and intensive cleaning with a single disk machine for smooth noraplan® floor coverings and norament® floor coverings with hammerblow or cubic structure:

Ø 431 mm  delivery unit: 1 or 4 pieces in one carton

Art. 6629

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
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.
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.

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.
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
∼ 1004 mm x 502 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.
## TECHNICAL DATA

### norament®

<table>
<thead>
<tr>
<th>Test method</th>
<th>Requirements</th>
<th>Average test results from running production</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE conformity</td>
<td>EN 14041</td>
<td>Manufacturer: nora systems GmbH, D-69469 Weinheim</td>
</tr>
<tr>
<td>Deﬂ.Nr.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 10546 $\lambda = 0.37$ W/(m·K)</td>
<td>-</td>
</tr>
<tr>
<td>Dynamic coefﬁcient of friction</td>
<td>EN 12093 05</td>
<td>-</td>
</tr>
<tr>
<td>Reaction to ﬂ ﬀ</td>
<td>EN 13501-1 Not bonded</td>
<td>-</td>
</tr>
<tr>
<td>Reaction to ﬂ ﬀ</td>
<td>EN 13501-1 Bonded on mineral subﬂ oor</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Properties acc. to EN 1817/EN 12199</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
</tr>
<tr>
<td>Mean value ± 0.20 mm according to EN 12199</td>
</tr>
<tr>
<td>4 mm</td>
</tr>
<tr>
<td>3.5 mm</td>
</tr>
<tr>
<td>9 mm (Art. 1915)</td>
</tr>
<tr>
<td>Dimensional stability</td>
</tr>
<tr>
<td>± 0.1%</td>
</tr>
<tr>
<td>Tear strength</td>
</tr>
<tr>
<td>Mean value ≥ 20 kN/mm²</td>
</tr>
<tr>
<td>Cigarette-burn resistance</td>
</tr>
<tr>
<td>Procedure A (unburnt) ≥ level 3</td>
</tr>
<tr>
<td>Procedure B (burning) ≥ level 3</td>
</tr>
<tr>
<td>Flexibility</td>
</tr>
<tr>
<td>Mander diameter 20 mm, no cracking</td>
</tr>
<tr>
<td>Hardness</td>
</tr>
<tr>
<td>≥ 70 Shore A (EN 12999)</td>
</tr>
<tr>
<td>≥ 75 Shore A (EN 1817)</td>
</tr>
<tr>
<td>Residual indentation</td>
</tr>
<tr>
<td>Mean value ≥ 0.25 mm at thickness ≥ 3.0 mm</td>
</tr>
<tr>
<td>Mean value ≥ 0.20 mm at thickness &lt; 3.0 mm</td>
</tr>
<tr>
<td>At least level 4 on the blue scale; ≥ level 3 on the grey scale</td>
</tr>
<tr>
<td>Abrasion resistance at 5 N load</td>
</tr>
<tr>
<td>≤ 150 mm³</td>
</tr>
<tr>
<td>Colour fastness to artiﬁ cial light</td>
</tr>
<tr>
<td>At least level 4 on the blue scale; ≥ level 3 on the grey scale</td>
</tr>
<tr>
<td>Classification</td>
</tr>
<tr>
<td>Commercial/Industrial</td>
</tr>
</tbody>
</table>

### Additional technical properties

<table>
<thead>
<tr>
<th>Toxicity of ﬁ re gases</th>
<th>DIN 53456</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbo+nisation gases</td>
<td>-</td>
</tr>
<tr>
<td>- Carbo+nisation gases</td>
<td>-</td>
</tr>
<tr>
<td>Anti-slip properties</td>
<td>DIN 31030</td>
</tr>
<tr>
<td>According to BG: 181</td>
<td></td>
</tr>
<tr>
<td>DIN 51097</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Improvement in footfall sound absorption</td>
<td>ISO 10540-3</td>
</tr>
<tr>
<td>12 dB</td>
<td>10 dB</td>
</tr>
<tr>
<td>15 dB</td>
<td>8 dB</td>
</tr>
<tr>
<td>Effect of chemicals</td>
<td>ISO 24787</td>
</tr>
<tr>
<td>ISO 1081 RT1</td>
<td></td>
</tr>
<tr>
<td>1081 RT1</td>
<td></td>
</tr>
<tr>
<td>1081 RT1</td>
<td></td>
</tr>
<tr>
<td>975 LS chanc = R 10</td>
<td></td>
</tr>
<tr>
<td>Anti-static, changing in case of rubber soles &lt; 2 kV</td>
<td></td>
</tr>
<tr>
<td>Effect of a castor chair</td>
<td>EN 425</td>
</tr>
<tr>
<td>Suitable for castor wheels, type M, according to EN 12529 are used</td>
<td></td>
</tr>
<tr>
<td>Underfoot heating</td>
<td>EN 1264-2</td>
</tr>
<tr>
<td>Suitable, max. 35°C</td>
<td></td>
</tr>
</tbody>
</table>

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

EN 1081: Speciﬁ cation for homogeneous and heterogeneous smooth elastomer ﬂ oor coverings
EN 12199: Speciﬁ cation for homogeneous and heterogeneous proﬁ led elastomer ﬂ oor coverings

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

<table>
<thead>
<tr>
<th>Test method</th>
<th>Requirements</th>
<th>Average test results from running production</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE conformity</td>
<td>EN 14041</td>
<td>Manufacturer: nora systems GmbH, D-69469 Weinheim</td>
</tr>
<tr>
<td>Roll-No.</td>
<td>EN 14041</td>
<td>0010 0016 0010 0016 0017</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 10546</td>
<td>A = 0.17 W/(m·K)</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 13895</td>
<td>0.5</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 15500-1</td>
<td>Not bonded Rc1</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 15500-1</td>
<td>Bonded on mineral subfloor Rsl</td>
</tr>
</tbody>
</table>

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

| Thickness | EN ISO 24346 | Mean value without foam backing ≤ 0.15 mm 2.0 mm 2.0 mm 2.0 mm 3.0 mm – |
| Dimensional stability | EN ISO 23999 | ± 0.4 % |
| Cigarette-burn resistance | EN 13999 | Procedure A (stubbed out) level ≥ 4 Procedure B (burning) level ≥ 3 |
| Flexibility | EN ISO 24344, procedure A | Alcohol diameter 20 mm, no fissuring –– Fulfillied Not fulfilled Fulfillied –– Fulfillied |
| Hardness | EN ISO 48-4 | ≥ 75 Shore A 94 Shore A 95 Shore A 95 Shore A 85 Shore A |
| Residual indentation | EN ISO 24343 | Mean value ≤ 0.15 mm at thickness < 2.5 mm 0.03 mm 0.03 mm 0.05 mm –– –– 0.03 mm |
| Abrasion resistance | EN ISO 4649, procedure A | ≤ 250 mm³ 130 mm³ 150 mm³ 90 mm³ 150 mm³ 130 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 –– –– –– –– |
| Classification | EN ISO 10874 | Commercial/Industrial 34/42 34/42 34/42 34/43 33/– |

### Additional technical properties

| Quality of the grain | DIN 53436 | Carbonisation gases are non-carcinogenic |
| Anti-slip properties | DIN 51130 | According to BGR. 101 R 9 R 11 R 9 R 9 R 9 R 10 Others: R 9 |
|                     | DIN 51097 | –– –– –– –– –– –– –– |
|                     | BS 7976 | –– –– –– –– –– –– –– |
|                     | SATRA TM 144 | –– –– –– –– –– –– –– |
| Improvement in footfall sound absorption | ISO 10140-3 | 7 dB 7 dB 7 dB 7 dB 7 dB |
| Effect of chemicals | EN ISO 24347 | Resistant depending on concentration and time of exposure * |
| Electrical insulation properties | EN 1801 | > 10³ Ohm > 10³ Ohm > 10³ Ohm > 10³ Ohm > 10³ Ohm |
| Electrical propensity when walked upon | EN 1815 | –– –– –– –– –– –– –– |
| Effect of a castor chair | EN 425 | Suitable if castor wheels, type M, according to EN 12529 are used |
| Underfloor heating | EN 1064-2 | –– –– –– –– –– –– |

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

EN 1087: Specification for homogeneous and heterogeneous smooth elastomer floor coverings.
EN 1086: 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

**Technical Data**

<table>
<thead>
<tr>
<th>Test method</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE conformity</td>
<td>EN 14041</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 50046</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 13501-1</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13501-1</td>
</tr>
</tbody>
</table>

#### 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**
  - 3.6 mm

- **Dimensional stability**
  - EN ISO 23999: ± 0.3 %
  - ± 0.2 %

- **Griptape-harz resistance**
  - EN 1399: Procedure A (Grinded off) ≥ level 4
  - Procedure B (Burning) ≥ level 3

- **Flexibility**
  - EN ISO 24344: Procedure A
  - Mandrel diameter 20 mm, no flaking

- **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
  - norament® nTx:
    - Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm
    - Mean value ≤ 0.20 mm at thickness < 3.0 mm

- **Abrasion resistance at 5 N load**
  - ISO 4649, procedure A:
    - ≤ 250 mm³
  - ≥ 150 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

- ** snelheid**:

- **Classification**
  - EN ISO 10874
  - Commercial/Industrial
  - 2.1 mm: 34/42
  - 3.1 mm: 34/43

#### Additional technical properties

- **Weight**
  - EN ISO 23997
  - 2.1 mm: ~ 3.36 kg/m²
  - 3.1 mm: ~ 5.40 kg/m²

- **Tear strength**
  - 35 kN/m

- **Slip resistance**
  - DIN 51130: R 9*
  - R 10* (reflection-breaking surface)

- **Improvement in footfall sound absorption**
  - ISO 10140-3:
    - 2.1 mm: 4 dB
    - 3.1 mm: 5 dB

- **Effect of chemicals**
  - EN ISO 26987: Depending on concentration and time of exposure

- **Electrostatic behaviour when being walked on**
  - EN 766: 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

- **Fire behaviour**
  - EN 13501-1: C_{f(u)} bonded
  - EN 65545: Hazard Level HL1

- **Fire behaviour**
  - ASTM E-648 / ISO 9239-1: Class 1 (≥ 0.50 W/cm²)

- **Smoke density**
  - ASTM F-162: After 1.5 minutes ≤ 100, after 4 minutes < 200

- **Toxicity of fire gases**
  - DIN 53456: Carbonisation gases are non-toxic

#### Adhesive characteristics

- **Description**
  - Pressure-sensitive hot melt adhesive

- **Softening range**
  - Ring & Ball: approx. 122 - 134 °C

- **VOC**
  - 0 %

---

* Tested and certified by an independent testing institute.
** Minimum quantities required.
* 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 electron free 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

<table>
<thead>
<tr>
<th>Test method</th>
<th>Requirements</th>
<th>Average test results from running production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-Noc</td>
<td>EN 14041</td>
<td>Manufacturer: Nora Systems GmbH, D-69469 Weinheim</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 50456</td>
<td>lambda = 0.17 W/(m·K)</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 12993</td>
<td>dS</td>
</tr>
<tr>
<td>Electrical behaviour</td>
<td>EN 1061</td>
<td>nd ≤ 10 Ohm</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 15501-1</td>
<td>Not bonded</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 15501-1</td>
<td>Bonded or mineral subfloor</td>
</tr>
<tr>
<td>CE conformity</td>
<td>EN 14041</td>
<td>Fulfilled</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 50456</td>
<td>lambda = 0.17 W/(m·K)</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 12993</td>
<td>dS</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 50456</td>
<td>lambda = 0.17 W/(m·K)</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 12993</td>
<td>dS</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 15501-1</td>
<td>Not bonded</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 15501-1</td>
<td>Bonded or mineral subfloor</td>
</tr>
<tr>
<td>CE conformity</td>
<td>EN 14041</td>
<td>Fulfilled</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 50456</td>
<td>lambda = 0.17 W/(m·K)</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 12993</td>
<td>dS</td>
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<tr>
<td>Thermal conductivity</td>
<td>EN 50456</td>
<td>lambda = 0.17 W/(m·K)</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 12993</td>
<td>dS</td>
</tr>
</tbody>
</table>

### Technical Data

<table>
<thead>
<tr>
<th>Properties acc. to EN 1817</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
</tr>
<tr>
<td>Dimensional stability</td>
</tr>
<tr>
<td>Tear strength</td>
</tr>
<tr>
<td>Glass fibre reinforcement</td>
</tr>
<tr>
<td>Flexibility</td>
</tr>
<tr>
<td>Hardness</td>
</tr>
<tr>
<td>Residual indentation</td>
</tr>
<tr>
<td>Abrasion at 5 N load</td>
</tr>
<tr>
<td>Colour fastness to artificial light</td>
</tr>
<tr>
<td>Classification</td>
</tr>
</tbody>
</table>

### Additional technical properties

| Toxicity of fire gases | DIN 53436 | Non-toxic |
| Autolig properties | DIN 51130 | According to BGR 181 |
| Improvement in footfall sound absorption | ISO 10140-3 | 10 dB |
| Effect of acid | ISO 20187 | Suitable if castor wheels, type W, according to EN 12529 are used |
| Underfloor heating | EN 1264-2 | Suitable, max. 35°C |

### Electrical behaviour

<table>
<thead>
<tr>
<th>Resistance to EPM ground</th>
<th>EN ISO 2171/</th>
<th>IEC 61340-4-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring the installed floor at 23°C (± 2°C) and ≥ 25 % r.h.</td>
<td>10 - 9 x 10⁶ Ohm</td>
<td></td>
</tr>
<tr>
<td>Measuring the installed floor at 29°C (± 2°C) and ≥ 25 % r.h., installed on an appropriate subfloor build up</td>
<td>&lt; 10³ Ohm</td>
<td></td>
</tr>
<tr>
<td>Operator system – Resistance to ground</td>
<td>EN ISO 2171/</td>
<td>IEC 61340-4-4</td>
</tr>
<tr>
<td>For the system floor/conductive footwear (R ≤ 20 x 10⁶ Ohm)</td>
<td>3 x 5 x 10⁶ Ohm</td>
<td></td>
</tr>
<tr>
<td>Measuring the installed floor at 29°C (± 2°C) and ≥ 25 % r.h.</td>
<td>&lt; 10⁷ Ohm</td>
<td></td>
</tr>
<tr>
<td>Body voltage generation</td>
<td>EN ISO 2171/</td>
<td>IEC 61340-4-4</td>
</tr>
<tr>
<td>Measuring the installed floor at 23°C and ≥ 25 % r.h.</td>
<td>≤ 3 x 5 x 10⁶ Ohm</td>
<td></td>
</tr>
<tr>
<td>Insulation resistance</td>
<td>VDE 0100-600</td>
<td>≥ 3 x 10⁶ Ohm</td>
</tr>
</tbody>
</table>

** In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals please contact us.  
** If installed electrically dissipative and conductive in conformity with our installation instructions and according to the recommendations of the adhesive manufacturer.  
*** The used adhesive has to have a permanent resistance of R ≤ 3 x 10⁶ Ohm according to EN 13415.  
**** If extremely low humidity values (< 25 % relative 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.
# noracare®

## Technical Data

**Designs:** seneo, uneo

<table>
<thead>
<tr>
<th>Properties acc. to EN 1817</th>
<th>Test method</th>
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<th>Average test results from running production</th>
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</thead>
<tbody>
<tr>
<td>CE conformity</td>
<td>EN 14041</td>
<td></td>
<td>nora systems GmbH, D-69469 Weinheim</td>
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<tr>
<td>DoP-No.</td>
<td>EN 14041</td>
<td></td>
<td>0015</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 10456</td>
<td>$\lambda = 0.25 \text{ W/(m·K)}$</td>
<td>fulfilled</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 10893</td>
<td>0.5</td>
<td>fulfilled</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13501-1</td>
<td>Not bonded</td>
<td>Cfl1</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13501-1</td>
<td>Bonded on mineral subfloor</td>
<td>B1</td>
</tr>
<tr>
<td>Thickness</td>
<td>EN ISO 24346</td>
<td>Mean value $\pm 0.15 \text{ mm acc. to EN 1817}$</td>
<td>2.0 mm</td>
</tr>
<tr>
<td>Dimensional stability</td>
<td>EN ISO 23999</td>
<td>$\pm 0.4 %$</td>
<td>$\pm 0.3 %$</td>
</tr>
<tr>
<td>Flexibility</td>
<td>EN ISO 26344, procedure A</td>
<td>Mandrel diameter 20 mm, no tearing</td>
<td>fulfilled</td>
</tr>
<tr>
<td>Hardness</td>
<td>ISO 48-4</td>
<td>$\geq 75$ Shore A acc. to EN 1817</td>
<td>94 Shore A</td>
</tr>
<tr>
<td>Residual indentation</td>
<td>ISO 24343</td>
<td>Mean value $\leq 0.15 \text{ mm at thickness } \leq 2.5 \text{ mm}$</td>
<td>0.05 mm</td>
</tr>
<tr>
<td>Abrasion resistance at 5 N load</td>
<td>ISO 4649, procedure A</td>
<td>$\leq 250 \text{ mm}^3$</td>
<td>100 mm$^3$</td>
</tr>
<tr>
<td>Colour fastness to artificial light</td>
<td>ISO 105-B02, procedure 3</td>
<td>At least level 6 on the blue scale; $\geq$ level 3 on the grey scale</td>
<td>fulfilled</td>
</tr>
<tr>
<td>Classification</td>
<td>EN ISO 16824</td>
<td>Commercial/Industrial</td>
<td>34/42</td>
</tr>
</tbody>
</table>

### Additional technical properties

- **Toxicity of fire gases**
  - DIN 53436: Carbonisation gases are non-toxic
- **Anti-slip properties**
  - DIN 51130: According to BGR 181 | R 10
  - DIN 51097: A
- **Improvement in footfall sound absorption**
  - ISO 10140-D | 5 dB
- **Effect of chemicals**
  - EN ISO 24997: Resistant depending on concentration and time of exposure $^\star^\star$
- **Electrical insulation properties**
  - EN 1061 R1: $> 10^8 \text{ Ohm}$
- **Electrical propensity when walked on**
  - EN 1815: Antistatic, charging in case of rubber soles $< 2 \text{ kV}$
- **Effort of a caster chair**
  - EN 425: Suitable if castor wheels, type W, according to EN 12529 are used

### Underfloor heating

- EN 1264-2

$^\star$ 6h at 50°C

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

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

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings.
Building Information Modeling (BIM)

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

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

bim.nora.com

Please note

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

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

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

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

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