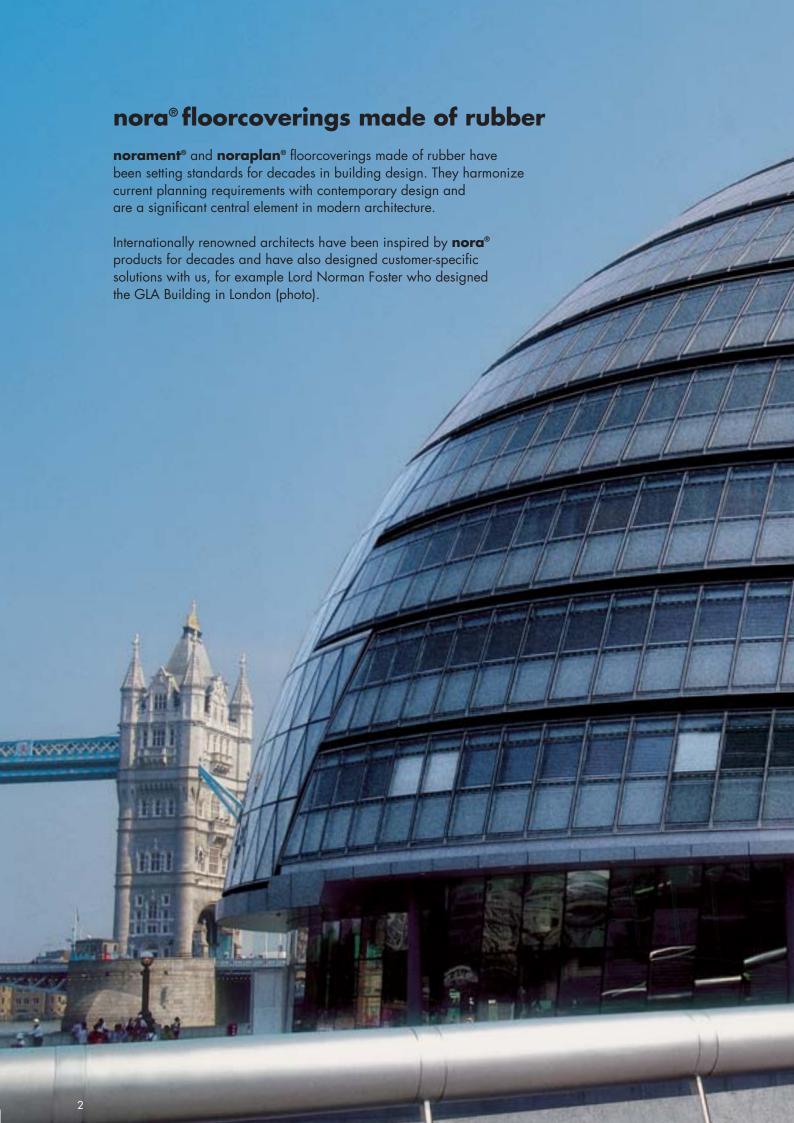
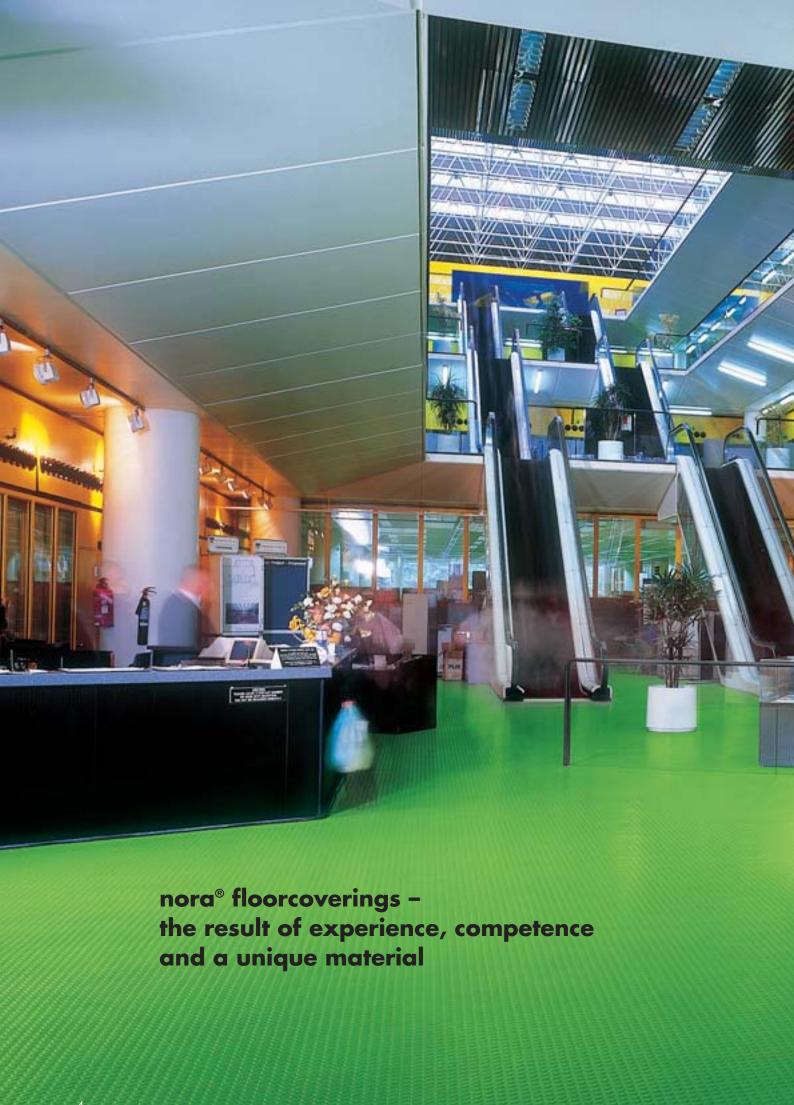
nora® floorcoverings made of rubber – leading worldwide

2008











For over 50 years we have been relying on that fascinating material rubber. It is capable of resisting extreme long-term wear and is therefore exactly the right material for manufacturing top-quality floorcoverings. Constant innovation and great expertise are the result of decades of experience with rubber for the most varied of customer requirements and of close cooperation with architects and proces-

sors. Today we are the world's market leaders in rubber coverings and **nora**® floorcoverings have stood the test of time in numerous buildings in over 120 countries. For example in clinics, schools, nurseries, airports, office and administrative buildings, shops, fitness studios, industrial companies, residential buildings, buses, trains and ships.

nora® colour range











The international language of colour communication.

NCS colour codes will be available from now on for all standard colours of the **nora®** floorcovering system. These data are determined colour-metrically and always refer to the closest matching colour code of the colour published in the NCS index.

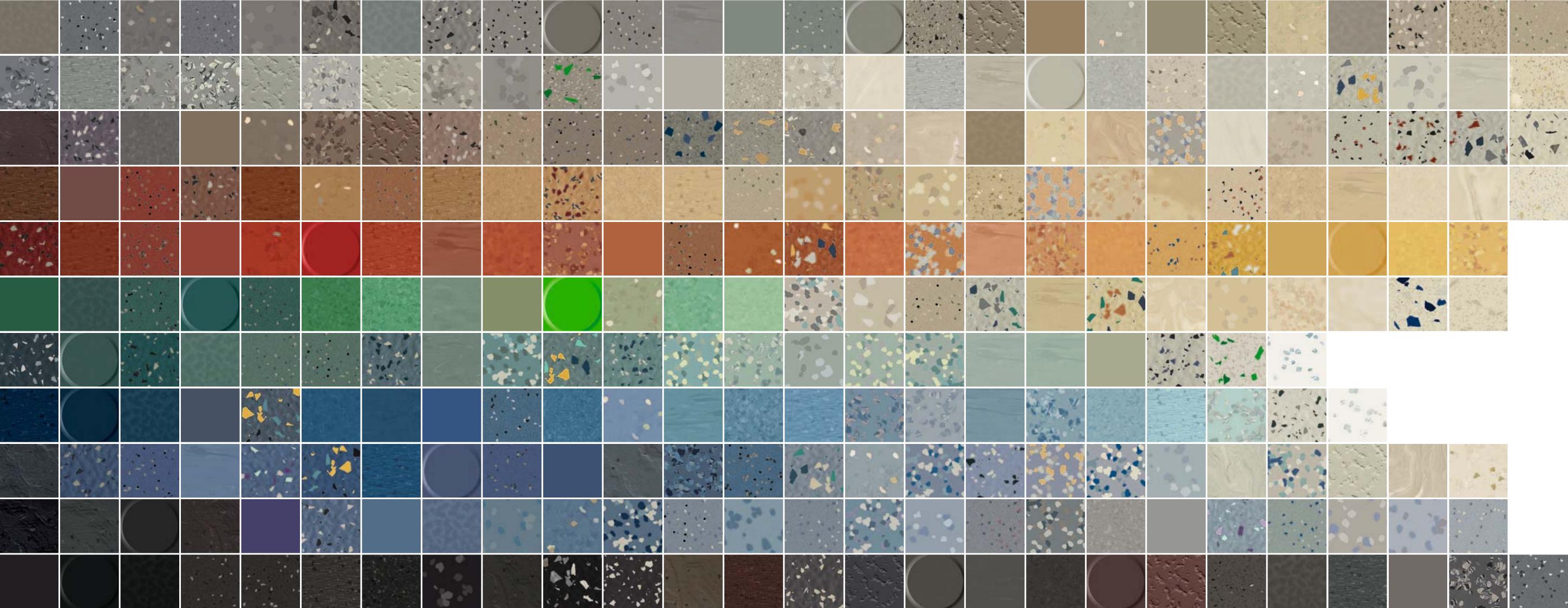
On our homepage

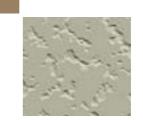
www.nora.com you will find the NCS colour coding of the **nora**® rubber floorcoverings.

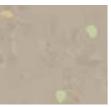










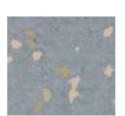


















Economic efficiency in finishing and use

nora® rubber floorings epitomize a reassuring price-performance ratio.

Top quality, the fact that they are incredibly heavy-duty coverings and the practical finishing are decisive:

- extremely long useful lifetime and extraordinarily wear-resistance
- dimensional stability, therefore no joint-sealing necessary
- cost-efficient cleaning thanks to the extremely dense, unbroken surface no coating is necessary

Easy and safe installation due to:

- **■** commonly used tools
- work-friendly dimensions and weights
- very resilient and easy to cut material
- installation with eco-friendly process materials
- high footfall sound absorption, without any additional noise-absorbing measures being necessary
- sophisticated and comprehensive range of accessories rounded off by norament[®] stairtreads
- application consultancy and service support, including installation training courses

Exemplary eco-compatibility

Eco-friendly solutions are a declared corporate goal and have been put into effect for years:

Starting with the selection of raw materials all the way through development, production and use, right down to recycling and disposal. Our products are ready for the demands of the future.

- high-grade raw materials such as industrial and natural rubber qualities, minerals from natural sources and eco-compatible colour pigments
- eco-compatible production process and packaging
- free of any PVC, plasticizers (phthalate) and halogens (e.g. chlorine)
- safety in the event of a fire no hydrogenchloride gas, no hydrochloric acid, no dioxins and furans
- no drain on precious natural resources due to long useful lifetime and high wear resistance
- no need for coating significantly reduced waste water loading
- installing with eco-friendly process materials

Please request our detailed brochure on our floorcoverings' eco-compatibility.











Certification to DIN EN ISO 14001



The Blue Angel is the worldwide most successful label for environment-oriented products.

Groundbreaking product properties:

- extraordinarily wear-resistant and extremely long useful lifetime
- environmentally compatible*
- easy and cost-efficient cleaning thanks to «nora cleanguard®» extremely dense and wear-resistant surface finishing through post-curing
- dimensionally stable as a rule, no joint-sealing required
- resistant to cigarette burns no surface damage
- outstanding fire-protection properties
- permanently resilient with high walking comfort
- excellent footfall sound absorption - peak values up to 20 dB
- largely resistant to chemicals
- antistatic
- anti-slip properties

*We will be pleased to send you detailed information on request

Product properties for special requirements

- electrostatic conductive
- **■** electrostatic dissipative
- suitable for fork-lift-truck traffic
- **■** extremely impact-resistant
- **■** extremely fire-resistant
- fire-toxicologically safe (DIN 53 436)
- largely resistant to oils and greases



norament® 925/Round pastille norament® 825/Round pastille norament® 825/Hammerblow surface norament® 986 metro norament® 925 strada norament® 986 luxor

norament® 986 cara norament® 925 serra norament® 925 grano norament® 925 lago

Content

noraplan® signa noraplan® uni noraplan® stone noraplan® logic noraplan® mega noraplan® plus noraplan® classic noraplan® eco noraplan® grip

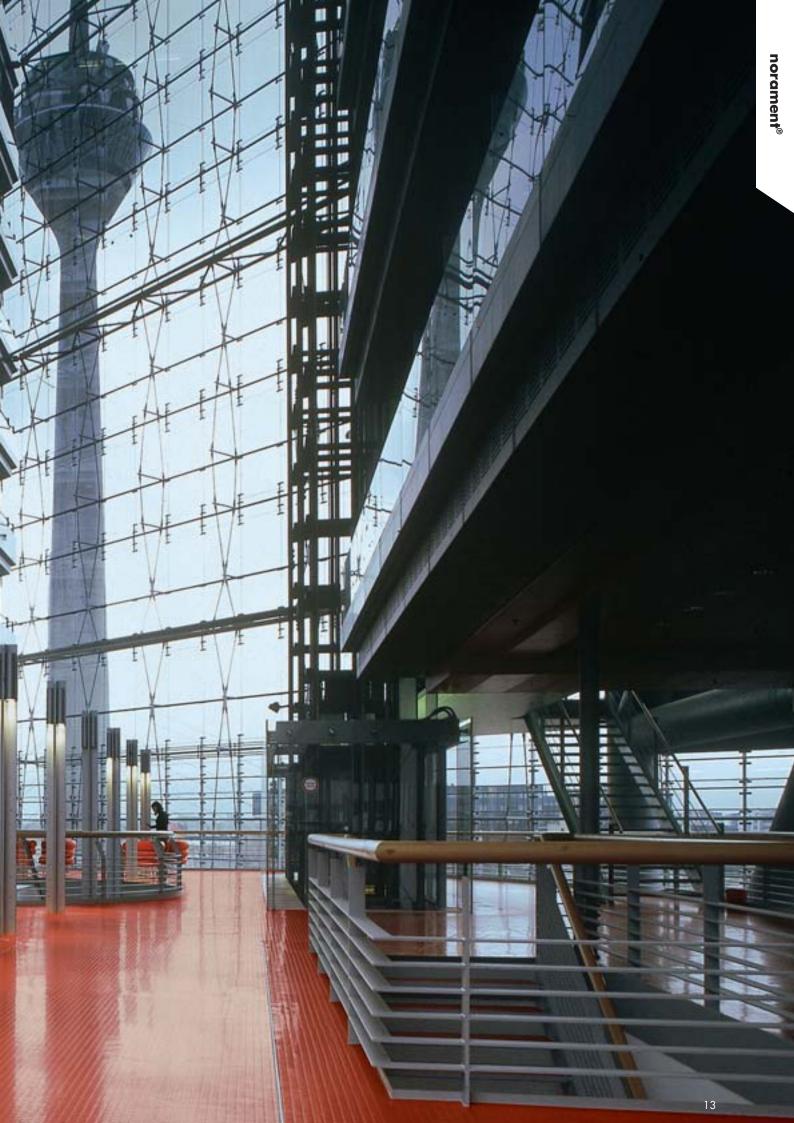
norament®/noraplan® alelectrostatically dissipative norament®/noraplan® elelectrostatically conductive norament® xilargely resistant to oils and greases norament®...... fire protection floorings **norament**® for heavy-duty use

norament® stairtreads nora® stair nosings nora® stair angles nora® stringers Special dry adhesive

nora® accessories

Technical data norament® Technical data noraplan®

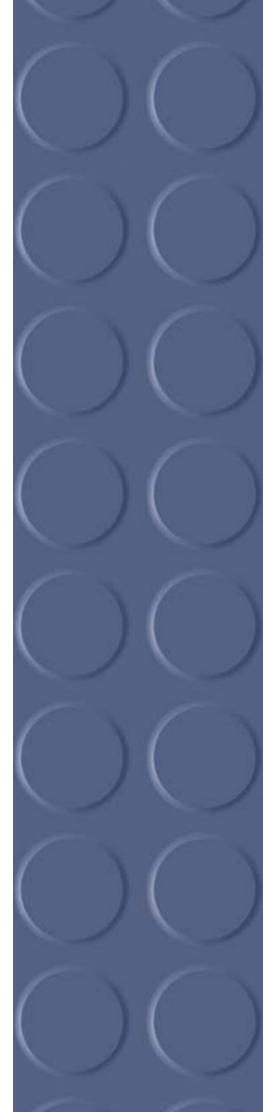








nordment® 925



Rubber floorings for extremely heavy traffic areas, with classical round pastille, one-coloured

norament® 925



20

Art. 925/354

 \square ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

norament® 925 for raised-access floors



\$ 2: 0702, 0749

Art. 925/1882

□ ~ 610 mm x 610 mm

Please note

For grid dimension 600 mm x 600 mm. Article 925/1882 is not suitable for installation on large areas.

These colours are also available in the following special floorings:

- norament® 928 al
- electrostatically dissipative
- norament® 926 xi
 - largely resistant to oils and greases
- norament® 923

for special fire-protection requirements

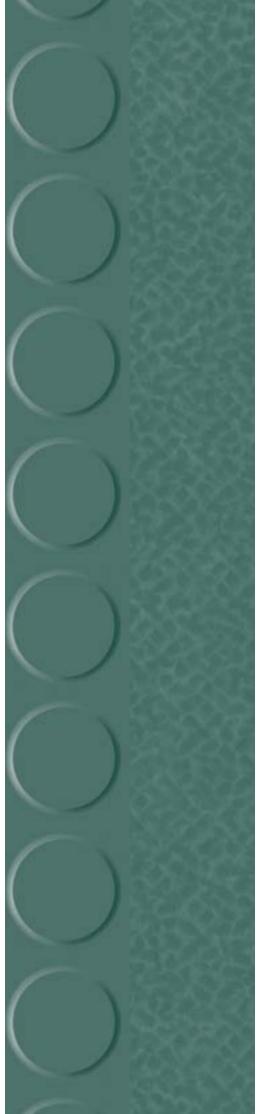
norament® stairtreads

→ Colours marked with this symbol are also available as norament® 925 stairtread.

O = Price category



norament® 825



Rubber floorings for heavy traffic areas, with classical round pastille or with hammerblow surface, one-coloured

norament® 825 Round pastille



20

Art. 825/1902

 \square ~ 503 mm x 503 mm

nora® profile connection dimension: C + U

norament® 825 Hammerblow surface



2 20

Art. 825/1910

 \square ~ 503 mm x 503 mm

nora® profile connection dimension: C + U

○ = Price category



norament® 925 strada



Rubber flooring for extremely heavy traffic areas, with cubic-structure and tone-in-tone granule effect

norament® 925 strada



å 16

Art. 925 strada/1870

 \square ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

The tile character of **norament® 925 strada** is maintained across the entire installed surface. The light reflecting cubic structure can create changing effects of light and shadow, even within a tile, depending on the angle of view and the angle of incidence.



nordment® 986 luxor



Rubber flooring for extremely heavy traffic areas, with mat-silk surface with harmonic granular design, extremely UV-resistant, **decontaminable**

norament® 986 luxor

~3.5 mm

... 16

Art. 986 luxor/256

 \square ~ 503 mm x 503 mm $12 \square = 3 \text{ m}^2 \text{ in one carton}$

nora® profile connection dimension: E + U

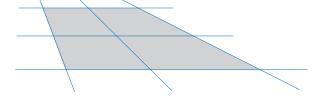
In case of light colours with a monochromatic effect, an installation with accentuation stripes or a contrast joint-sealing is recommended.

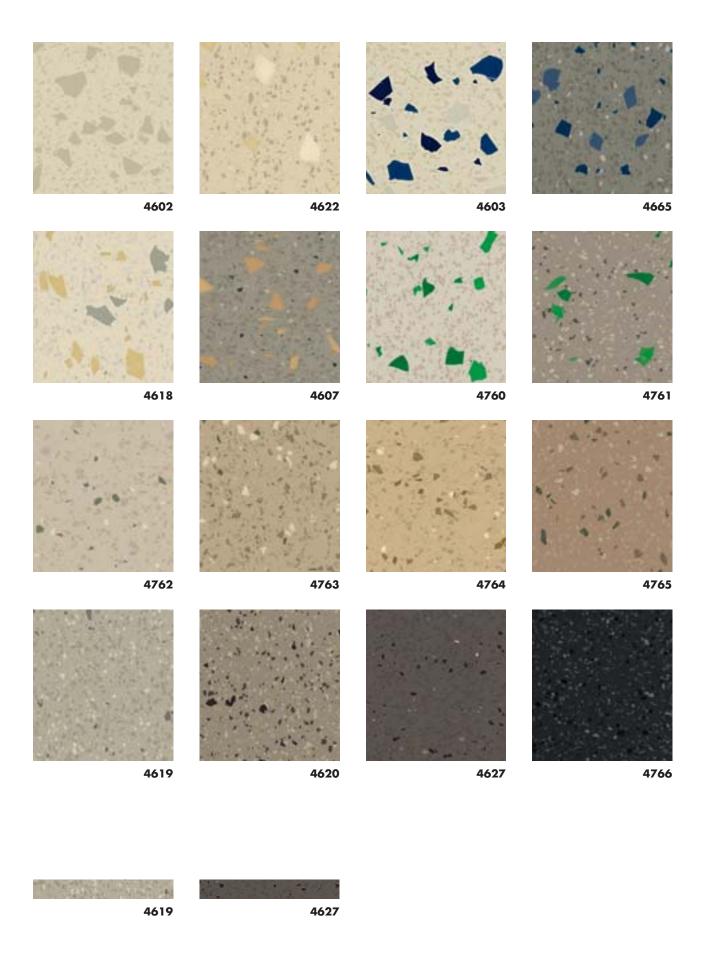
Accentuation stripes made of norament® 986 luxor

Accentuation stripes for joint-sealing

norament® 986 luxor.

Material thickness 3.5 mm, width 4.0 mm. Available in colours 4619 and 4627 in lengths of 503 mm and 1,006 mm.





norament® 986 cara

Rubber flooring
for extremely heavy traffic areas,
with high-class directional design
and mat-silk surface.
All tiles are different –
each square meter is unique.
Extremely UV resistant

norament® 986 cara

~3.5 mm

Art. 986 cara/3003

□ ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

norament® 986 cara tiles are produced using a unique production process.

Thanks to the special mixture of design and colours, each tile has a special aesthetic character, even within one single production batch.

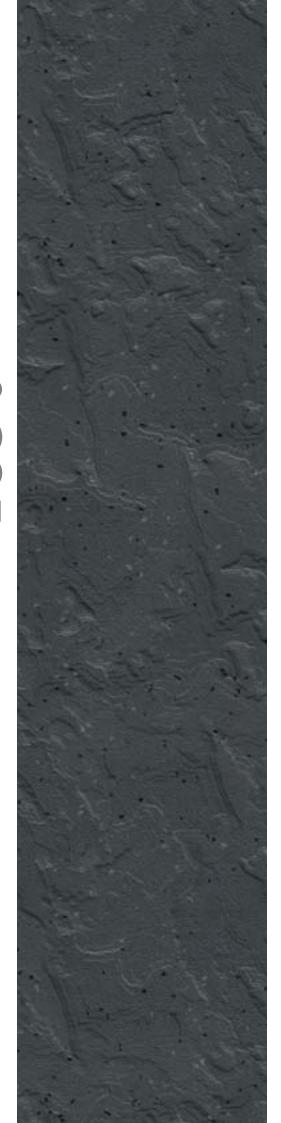
The installation with accentuation stripes or a contrast joint-sealing is recommended.

norament® accentuation stripes

Uni-coloured accentuation stripes to joint-seal **norament® 986 cara.**Material thickness 3.5 mm, width 4.0 mm.
Available in the colours 0882 and 2767 and a length of 1,002 mm.



25



Rubber flooring for extremely heavy traffic areas, with flat, directional slate structure and fine scatter design

norament® 925 serra



Art. 925 serra/3016

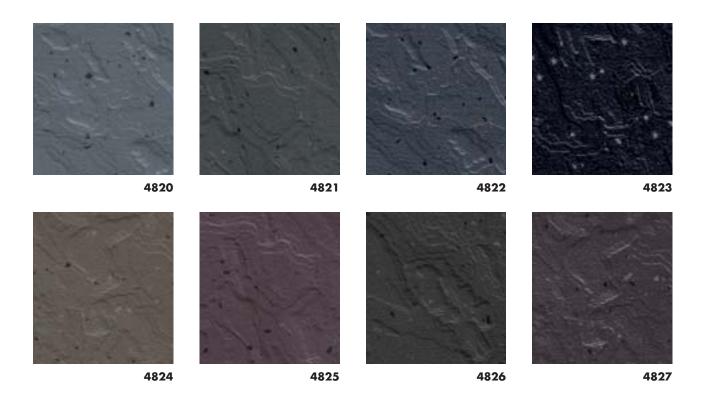
 \square ~ 1002 mm x 501 mm

Smaller tile sizes available on request

nora® profile connection dimension: E + U

Order-related smaller formats can be cut for individual installation combinations without minimum quantity requirements from **norament® 925 serra** tiles with the standard dimensions of 1,002 mm x 501 mm. We supply tiles with chamfered edges on request such that the tile character of the installed floorcovering is even more emphasised.





norament® 986 metro



Rubber flooring for extremely heavy traffic areas, with macropore, silk-mat coated surface, uni-coloured

norament® 986 metro

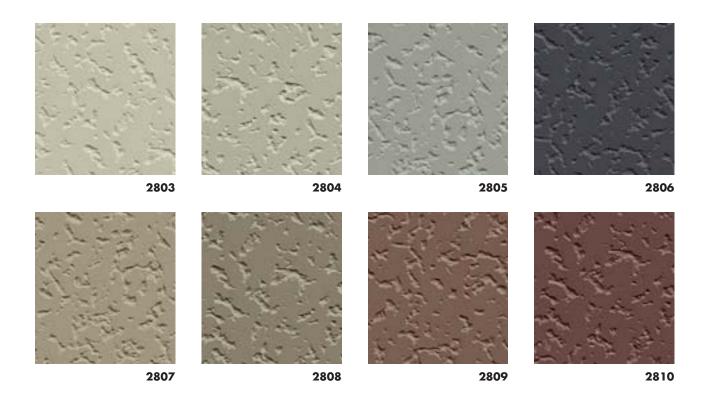
~3.5 mm

8

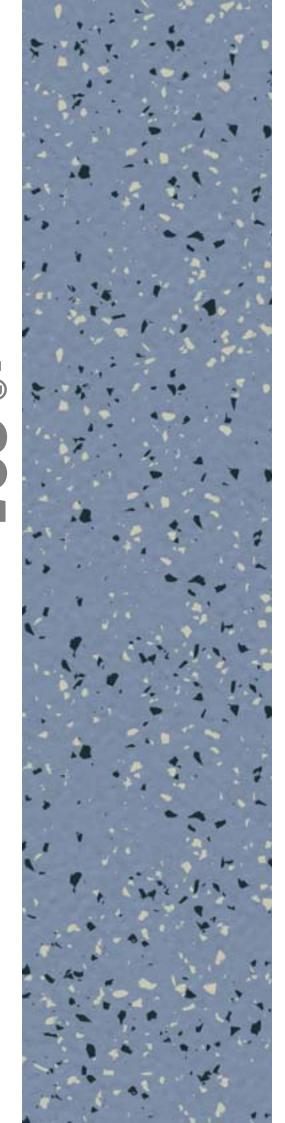
Art. 986 metro/3008

 \square ~ 1002 mm x 1002 mm

 \textbf{nora}^{\otimes} profile connection dimension: E + U



nordment® 925 grano



Rubber floorings for extremely heavy traffic areas, with hammerblow surface and granule effect

norament® 925 grano



å 20

Art. 925 grano/1880

□ ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

For raised-access floors:



Art. 925 grano/1911

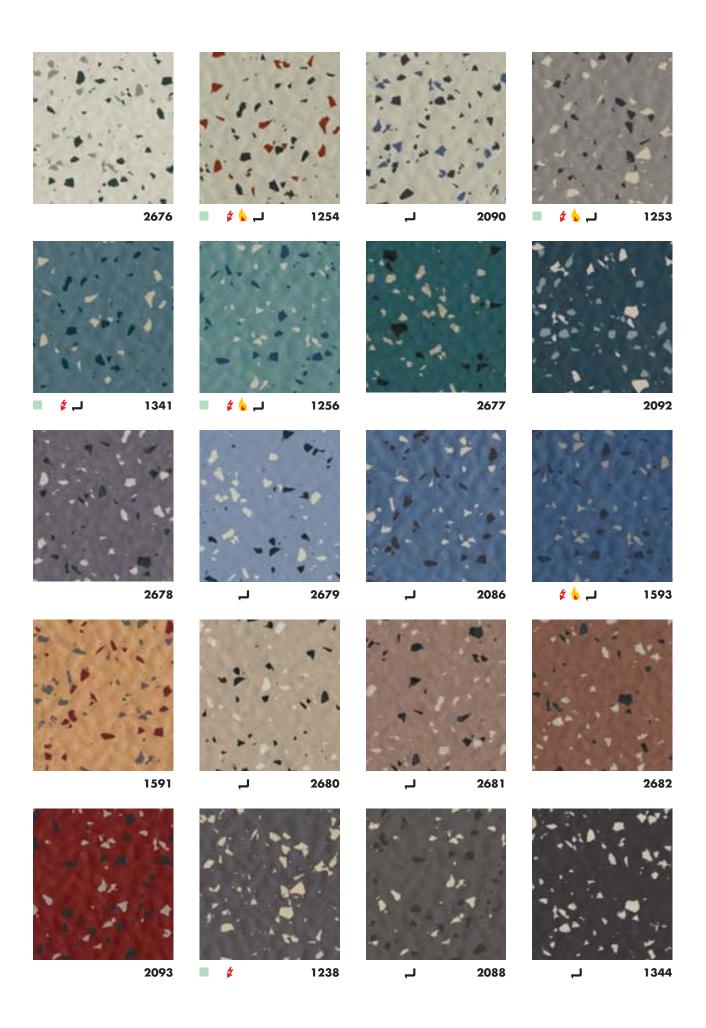
 \square ~ 610 mm x 610 mm for grid dimension 600 x 600 mm

These colours are also available in the following special floorings:

- norament® 928 al grano electrostatically dissipative
- norament® 923 grano
 for special fire-protection requirements

norament® stairtreads

Colours marked with this symbol are also available as norament® 925 grano stairtread.



norament® 925 lago



Rubber flooring for extremely heavy traffic areas, with hammerblow surface and striking granule structure

norament® 925 lago



å 16

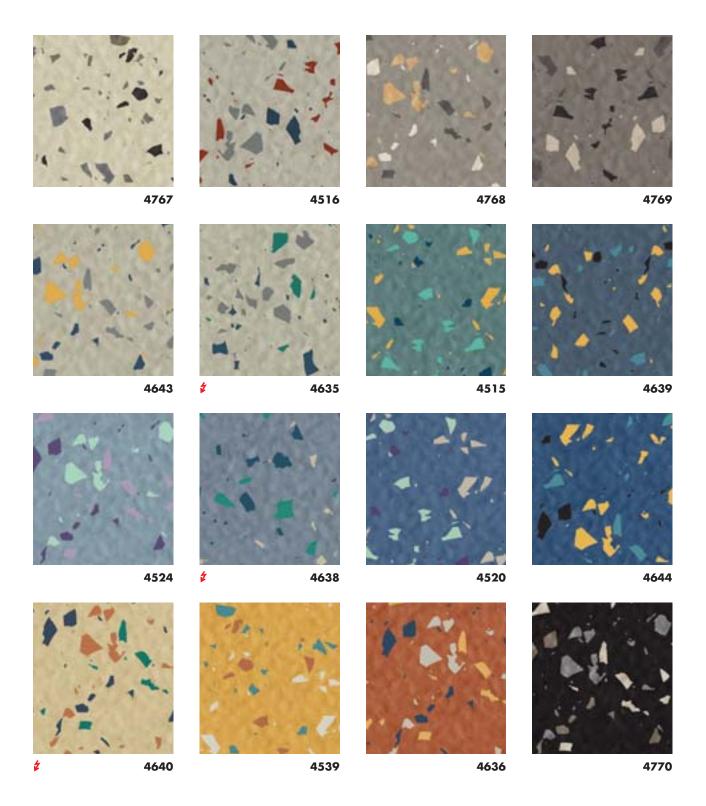
Art. 925 lago/1880

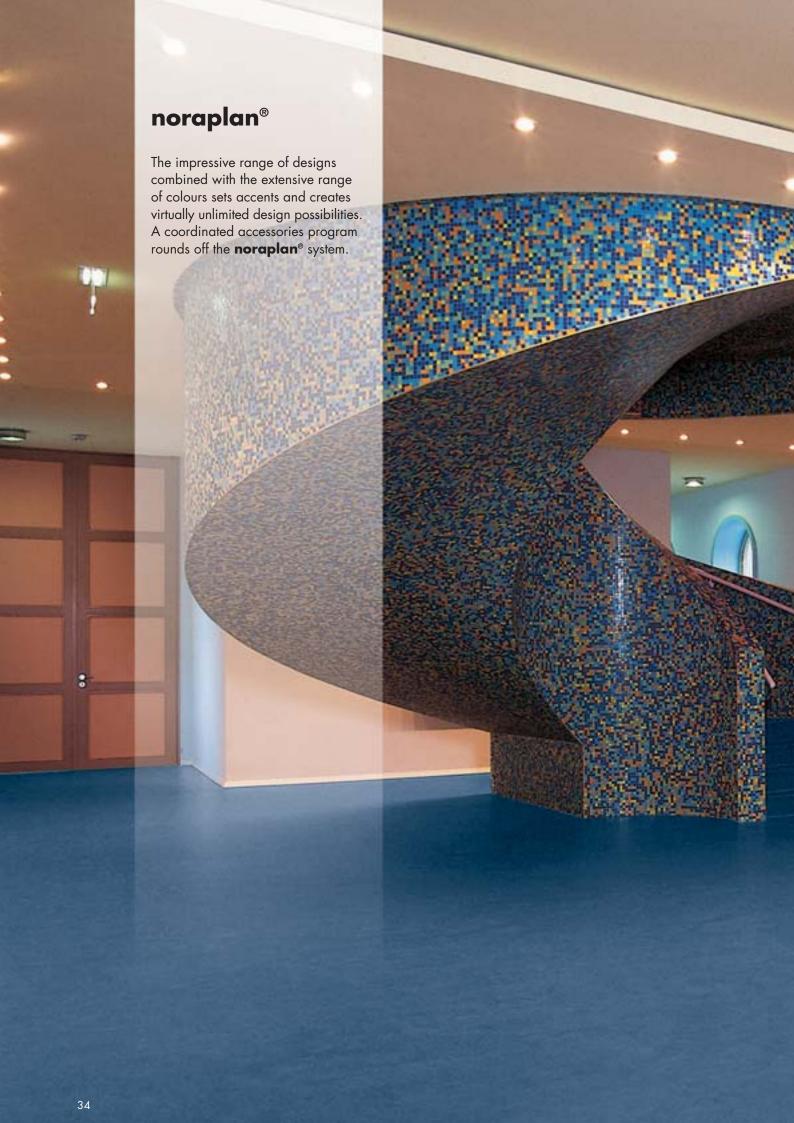
□ ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

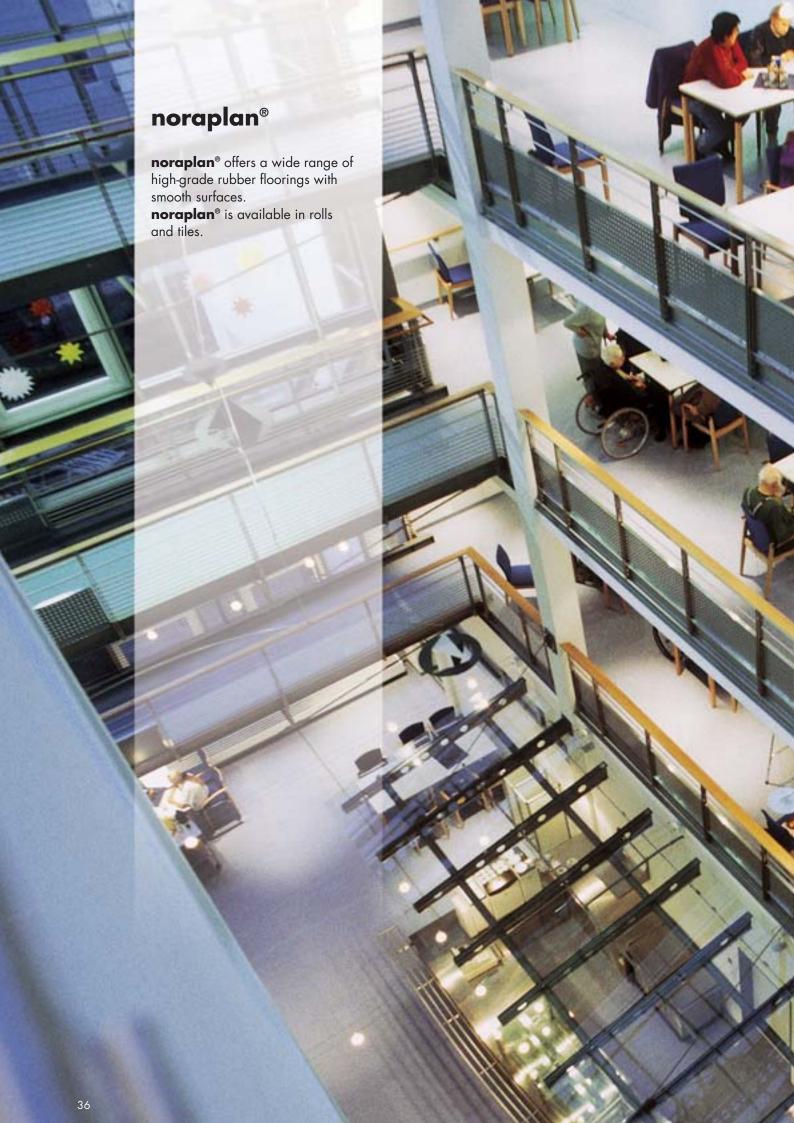
These colours are also available as

norament® 928 al lago electrostatically dissipative











noraplan® signa



Rubber floorings for high performance, with a changing base colour consisting of three harmoniously matched colour components and characteristic granule inclusions

noraplan® signa/2.0 mm

1 ~2.0 mm

48

Art. 1462

~ 1.22 m x 15.0 m

Art. 2462

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton

nora® profile connection dimension: A + U

noraplan® signa/3.0 mm

-3.0 mm

4 17

Art. 1463

~ 1.22 m x 12.0 m

Art. 2463

□ ~ 610 mm x 610 mm

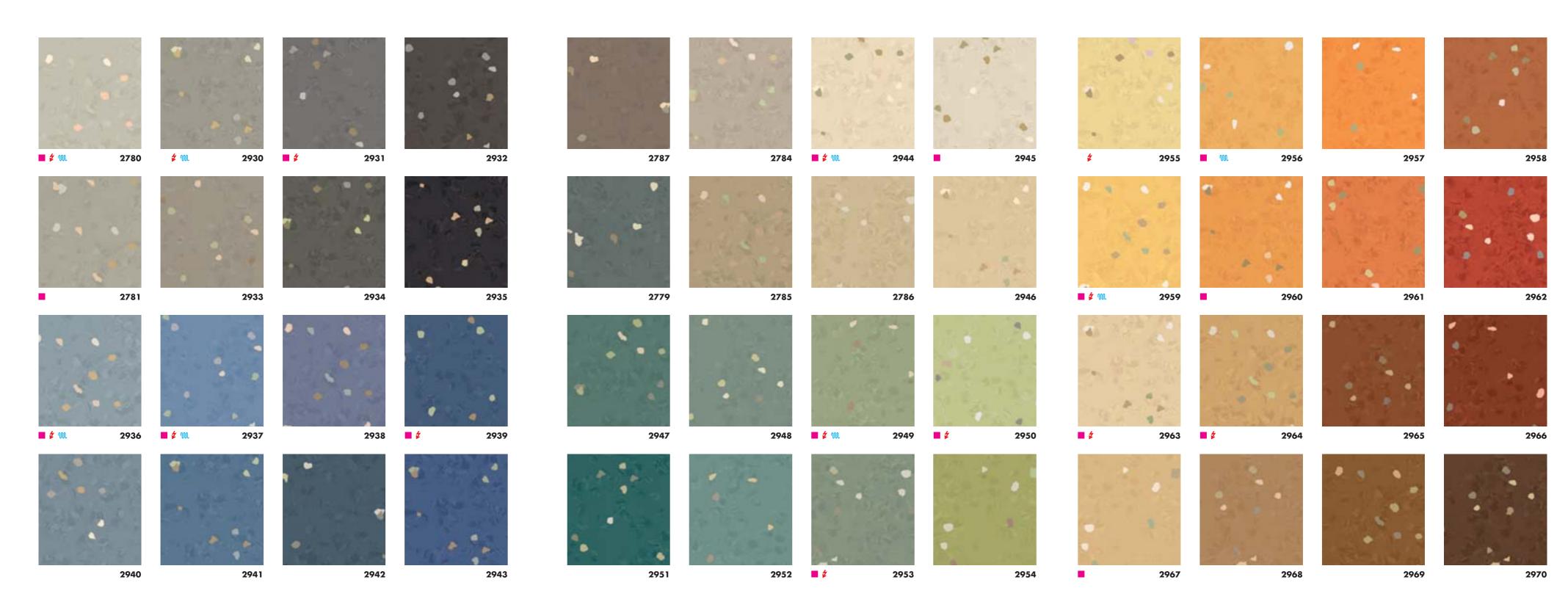
 $10 \square = 3.72 \text{ m}^2 \text{ in one carton}$

nora® profile connection dimension: U

Colour range **nora**® accessories for **noraplan**® **signa** see page 39D

These colours are also available in the following special floorings:

- noraplan® signa al electrostatically dissipative
- M noraplan® signa acoustic footfall-sound-absorbing 20 dB



39A 39B



nora® accessories colour range for noraplan® signa

Colours noraplan®	nora ® s S 1023 U	skirtings S 1024 U	nora® skirtings and skirting angels SA 7002 A/E \$ 3003 A/E \$I 7001 A/E	nora® joint seal- ing compound	nora® hot welding rod
signa	j				
2780	1150*	2780	2780		2780
2930	1146*	2930	2930		2930
2931	2381	2381	2931		2381
2932	2380	2380		·	2380
2781	0170*	0170*			2781
2933	1146*	4620			2933
2934	0749*	0749*			2934
2935	0716	0716			2306
2936	2171	1492	1492		2171
2937	1780*	2937	2937		2937
2938	1593*	1593*	1502		2938
2939	1593	1593	1593		2369
2940	2099	2099			2099
2941 2942	1279* 0716*	1279* 0716*			2140 2142
2942	2078*	2078*			2106
2787	2675*	2675*			2787
2784	2302*	2302*			2784
	1385*	2944	2944		2386
2944 2945	1305	1295*	2744		2897
2779	1384*	1384*			2779
2785	130-	2785			2785
2786	2384*	2384*			2786
2946	4752*	4752*			2651
2947	1346*	1346*		•	2102
2948	0214*	0214*		•	2618
2949		2949	2949	•	2949
2950		2950	2950		2800
2951	1346	1346		•	1346
2952	1156	1156		•	1156
2953		2953	2953	•	2953
2954	1364	1364		•	1364
2955	2216*	2955	2955		2955
2956	2636*	2636*		•	2422
2957	2635*	2635*		•	2957
2958	2635*	2635*		•	2147
2959	2398	2398	2398		2398
2960	2636	2636		•	2636
2961	2635	2635		•	2635
2962	0866*	0866*		•	2962
2963	4752*	2963	2963		2633
2964	2384	2384	2964		2384
2965	0716*	0716*			2965
2966	2672*	2672*			2966
2967	2384*	2384*			2632
2968	4753	4753			2968
2969	4753*	4753*			2969
2970	0702*	0702*	norg® recommendation		2970

^{*} Not exactly matching the base colour, **nora**® recommendation

Rubber flooring for high performance, one-coloured

noraplan® uni

Art. 144

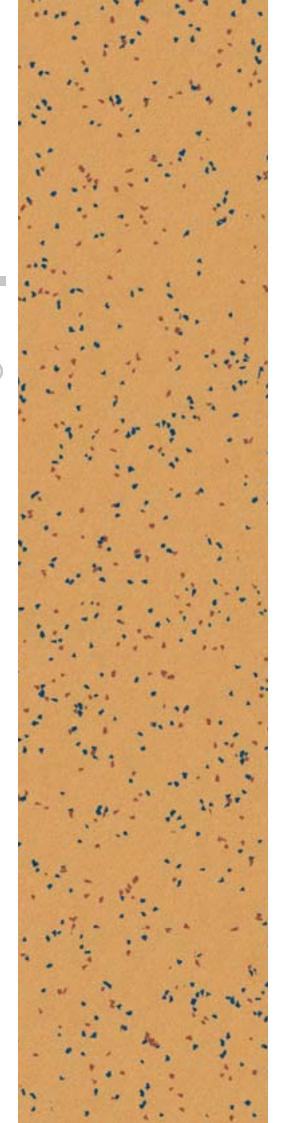
~ 1.22 m x 12.0 m

Art. 244

□ ~ 610 mm x 610 mm

15 □ = 5.58 m² in one carton





Rubber flooring for high performance, with discreet, non directional scatter design and reflection-breaking surface structure

noraplan® stone

1 ~2.0 mm

3 20

Art. 149

~ 1.22 m x 15.0 m

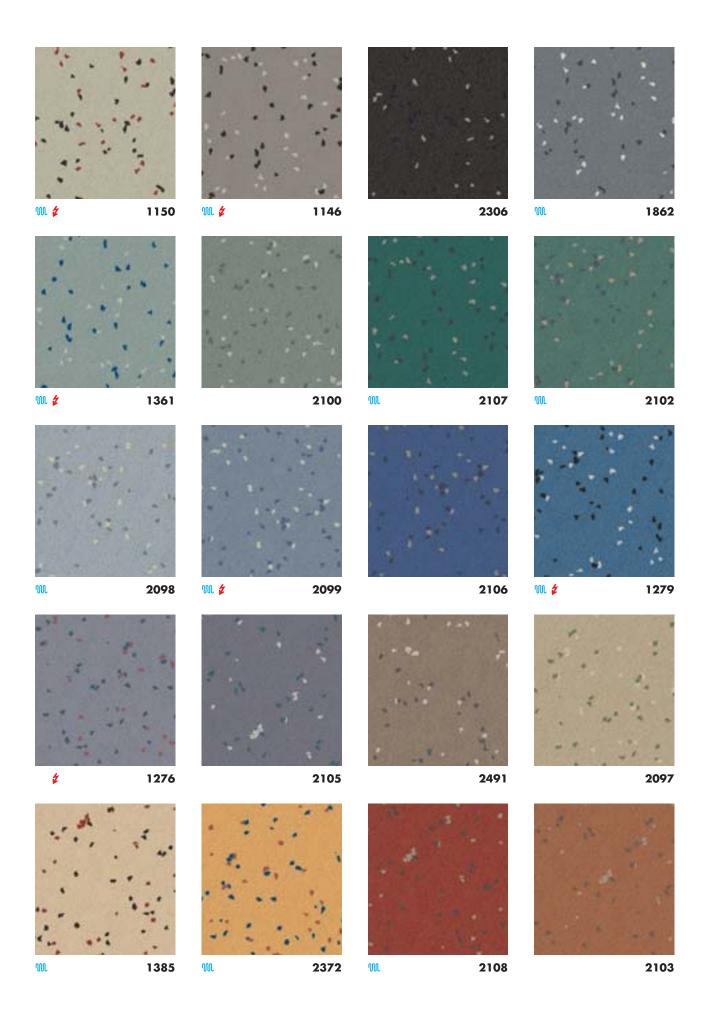
Art. 249

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton

nora® profile connection dimension: A + U

These colours are also available in the following special floorings:

- noraplan® stone al electrostatically dissipative
- M noraplan® stone acoustic footfall-sound-absorbing 20 dB



noraplan® logic

Rubber flooring for high performance, with a design of 3 harmonically matched colour components

noraplan® logic

1 ₹ ~2.0 mm

20

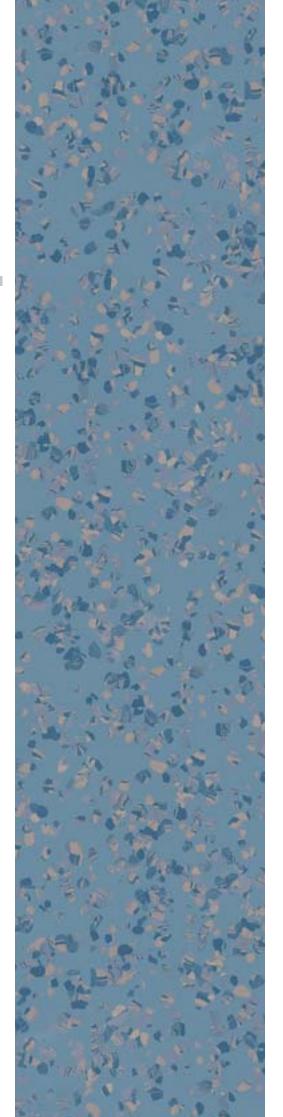
Art. 1230

~ 1.22 m x 15.0 m

Art. 2230

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton





Rubber floorings for high performance, with harmonic running, three-coloured granular design

noraplan® mega/2.0 mm

■ **全** ~2.0 mm

3 20

Art. 106

~ 1.22 m x 15.0 m

Art. 206

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton

nora® profile connection dimension: A + U

noraplan® mega/3.0 mm

-3.0 mm

8

Art. 1081

~ 1.22 m x 12.0 m

Art. 2081

□ ~ 610 mm x 610 mm

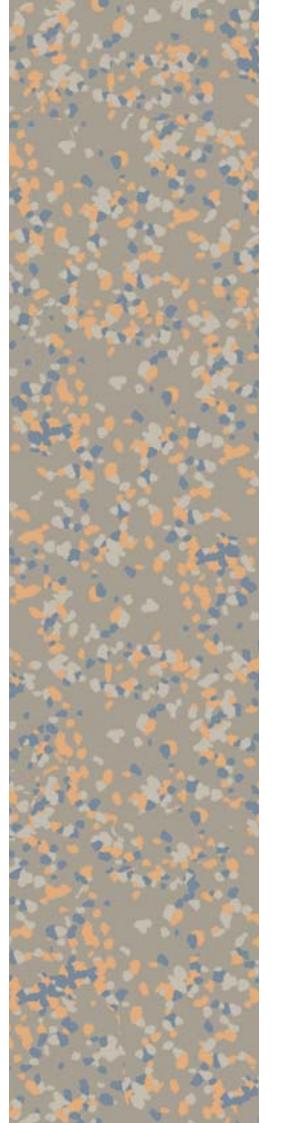
 $10 \square = 3.72 \text{ m}^2 \text{ in one carton}$

nora® profile connection dimension: U

These colours are also available in the following special floorings:

- noraplan® mega al electrostatically dissipative
- m noraplan® mega acoustic footfall-sound-absorbing 20 dB





Rubber flooring for high performance, with multi-coloured granular design rich in contrast

noraplan® plus

■ **全** ~2.0 mm

å 16

Art. 110

~ 1.22 m x 15.0 m

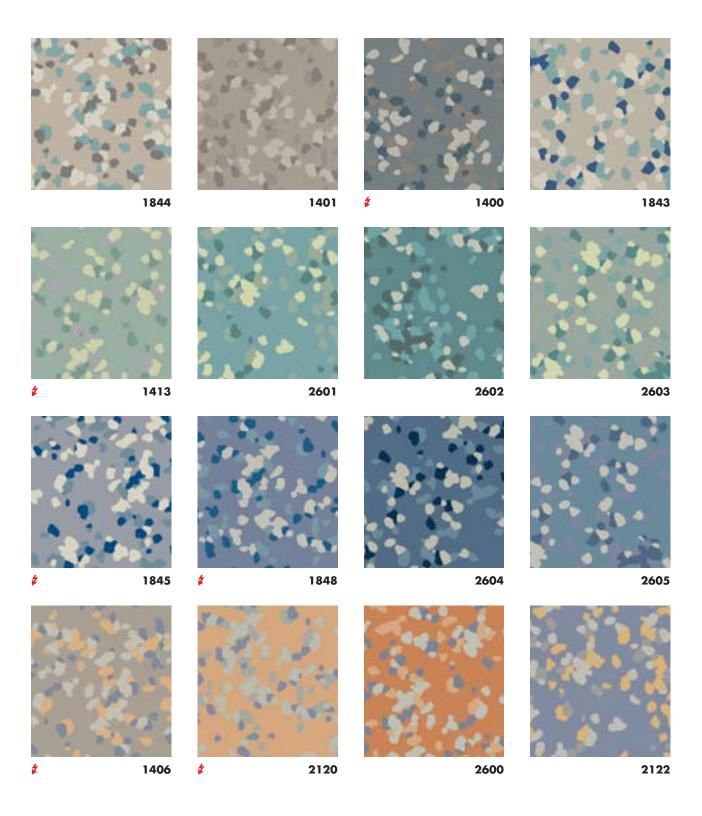
Art. 210

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton

nora® profile connection dimension: A + U

These colours are also available in the following special floorings:

noraplan® plus al/2.0 mm



noraplan® classic



Rubber flooring for high performance, with classic, discreet marbling

noraplan® classic

■ **全** ~2.0 mm

å 16

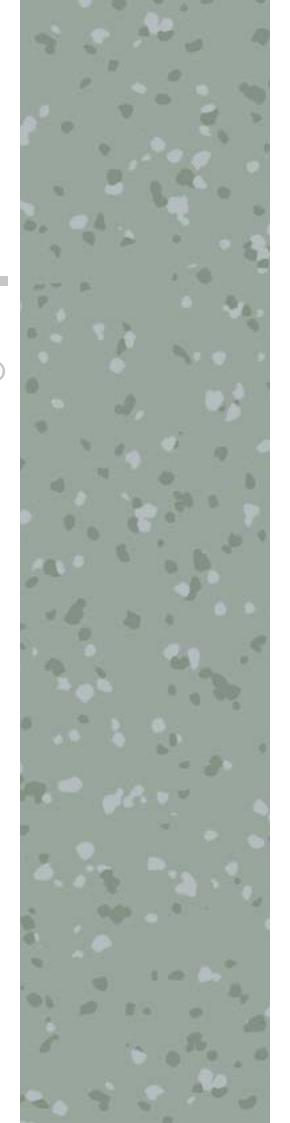
Art. 1207

~ 1.22 m x 15.0 m

Art. 2207

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton





Rubber flooring for high performance, with smooth tone-in-tone granular design

noraplan® eco

■ 套 ~2.0 mm

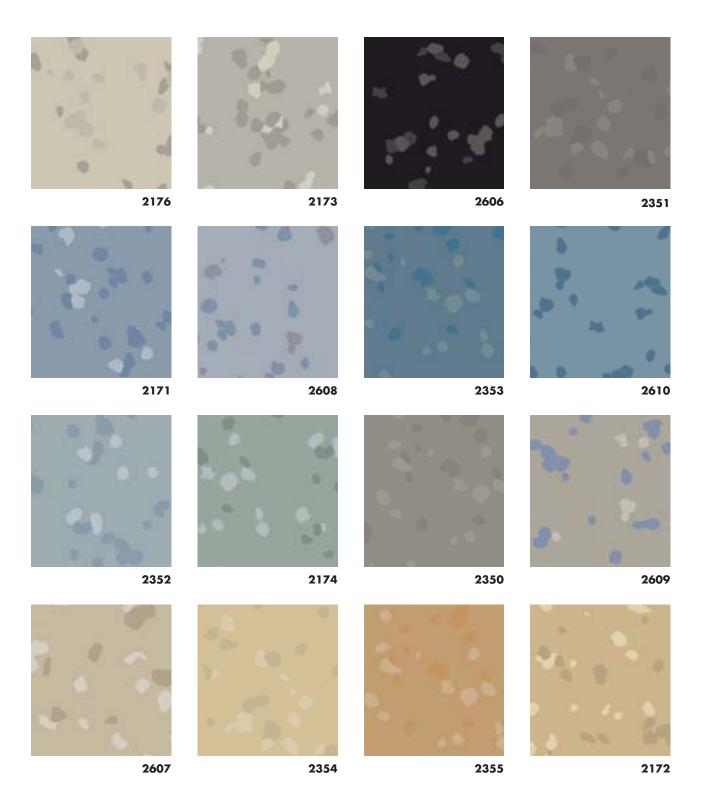
å 16

Art. 1082

~ 1.22 m x 15.0 m

Art. 2082

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton





Rubber flooring for high performance, with non-directional scatter design, aluminium glitter integrations and reflection-breaking surface, anti-slip protection class R10 according to DIN 51 130 and BGR 181

noraplan® grip

₹ ~2.0 mm

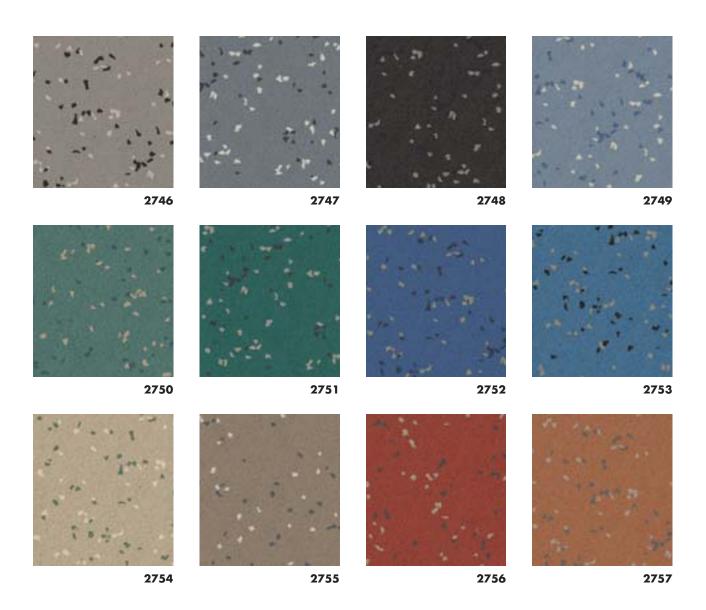
& 12

Art. 1280

~ 1.22 m x 15.0 m

Art. 2280

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton









Rubber floorings electrostatically dissipative

For optimum ESD protection of electronic devices and equipment.

Protection against electrical shock.

Largely resistant to oils and greases.

Suitable for fork-lift-truck areas.



norament® 928 al



4

Art. 928 al/399

□ ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

norament® 928 al grano



& 6

Art. 928 al grano/1880

 \square ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

For raised-access floors: Art. 928 al grano/1911

 $\square \sim 610 \text{ mm } \times 610 \text{ mm}$ for grid dimension 600 mm $\times 600 \text{ mm}$

norament® 928 al lago

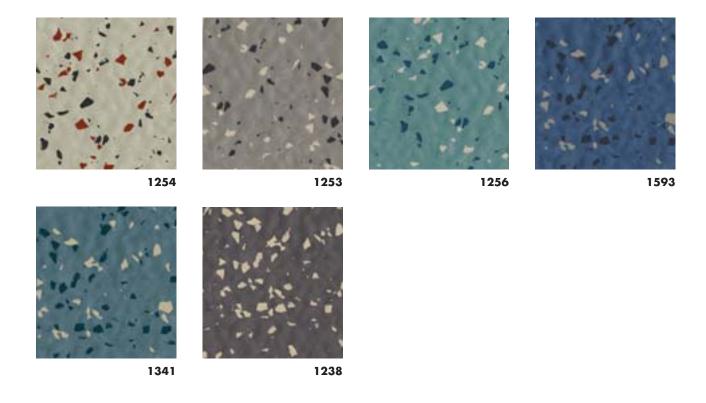


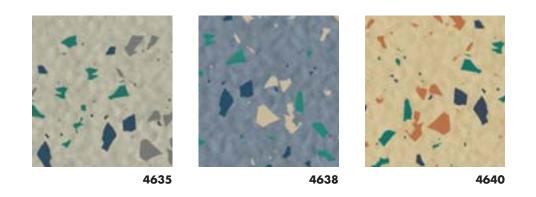
3

Art. 928 al lago/1880

 \square ~ 1002 mm x 1002 mm









Rubber floorings electrostatically dissipative

For optimum ESD protection of electronic devices and equipment.

Protection against electrical shock.

Largely resistant to oils and greases.



noraplan® signa al/2.0 mm

₹ ~2.0 mm

♣ 14

Art. 1390

~ 1.22 m x 15.0 m

Art. 2390

 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton

nora® profile connection dimension: A + U

noraplan® signa al/3.5 mm

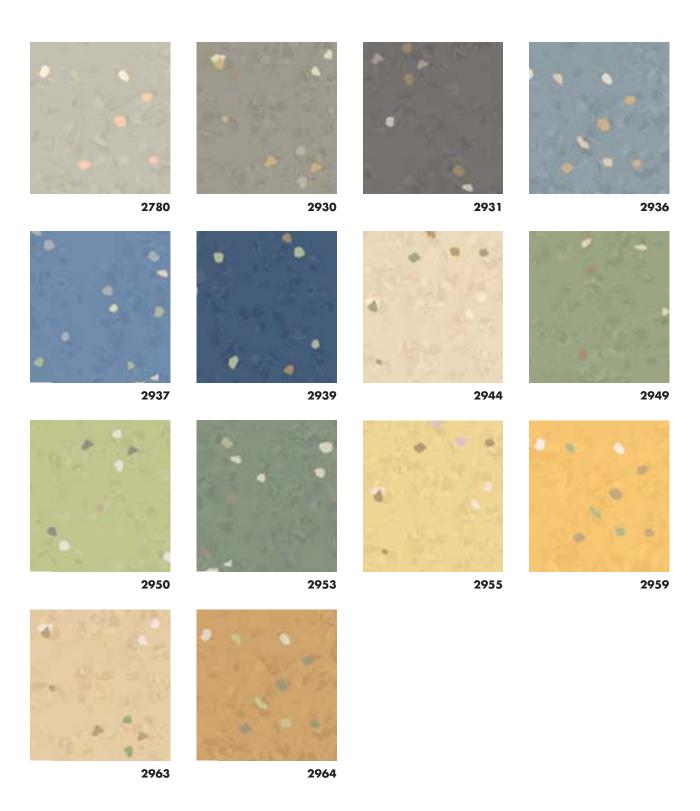
~3.5 mm

. 14

Art. 1391

~ 1.22 m x 8.0 m

 $\textbf{nora}^{\text{@}}$ profile connection dimension: E + U





Rubber floorings electrostatically dissipative

For optimum ESD protection of electronic devices and equipment.

Protection against electrical shock.

Largely resistant to oils and greases.



noraplan® stone al

₹ ~2.0 mm



Art. 129

~ 1.22 m x 15.0 m

Art. 229

 \square ~ 610 mm x 610 mm

 $15 \square = 5.58 \text{ m}^2 \text{ in one carton}$

nora® profile connection dimension: A + U

noraplan® plus al/2.0 mm

₹ ~2.0 mm

Art. 191

~ 1.22 m x 15.0 m

Art. 291

□ ~ 610 mm x 610 mm

 $15 \square = 5.58 \text{ m}^2 \text{ in one carton}$

nora® profile connection dimension: A + U

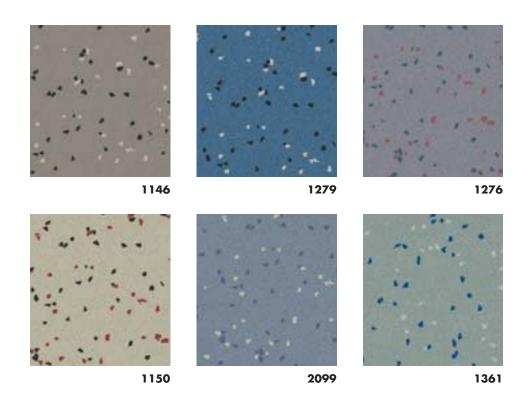
noraplan® plus al/3.5 mm

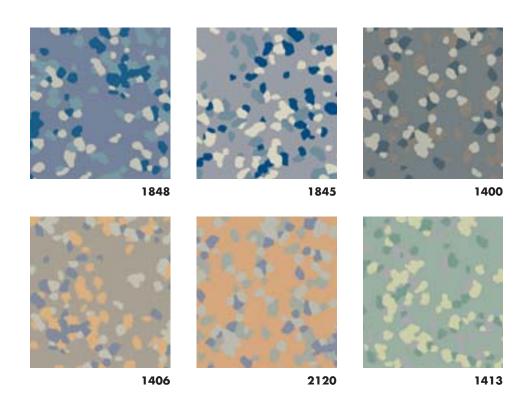
~3.5 mm

& 6

Art. 193

~ 1.22 m x 8.0 m







Rubber flooring electrostatically dissipative

For optimum ESD protection of electronic devices and equipment.

Protection against electrical shock.

Largely resistant to oils and greases.



noraplan® mega al

₹ ~2.0 mm



Art. 100

~ 1.22 m x 15.0 m

Art. 200

 \square ~ 610 mm x 610 mm

 $15 \square = 5.58 \text{ m}^2 \text{ in one carton}$

nora® profile connection dimension: A + U



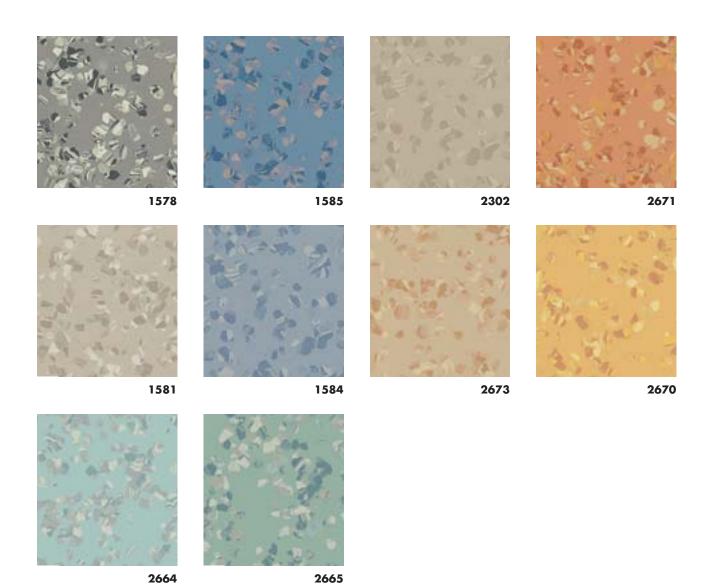
Art. 2074

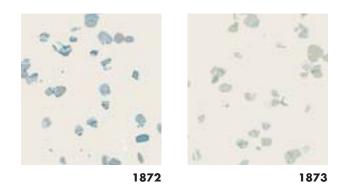
 \square ~ 610 mm x 610 mm 15 \square = 5.58 m² in one carton

nora® profile connection dimension: A + U

Please note

We only recommend colours 1872 and 1873 for areas which are unlikely to be subject to stains and dirt.





* norament® e

Rubber flooring electrostatically conductive

For optimum ESD protection of electronic devices and equipment.

Suitable for areas with a risk of explosion.

Largely resistant to acids and alkalis.

Suitable for fork-lift-truck areas.



* noraplan® e

Rubber flooring Electrostatically conductive

For optimum ESD protection of electronic devices and equipment.

Suitable for areas with a risk of explosion.

Heterogeneous flooring protected under Freudenberg patent



norament® 927 el grano



.

Art. 927 el grano/1880

 \square ~ 1002 mm x 1002 mm

nora® profile connection dimension: E + U

noraplan® duo el



🖿 🕏 ~2.5 mm

4

Art. 170

~ 1.22 m x 12.0 m

Art. 270

 \square ~ 610 mm x 610 mm

 $12 \square = 4.46 \text{ m}^2 \text{ in one carton}$

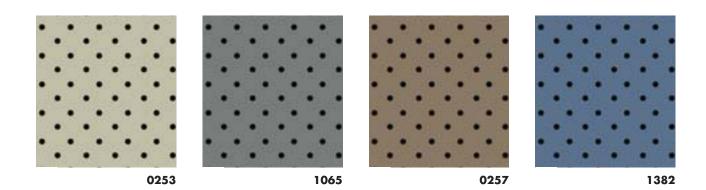
nora® profile connection dimension: C + U

noraplan® duo el must be joint-sealed using the **nora®** hot welding rod.

noraplan® duo el NFPA

noraplan® duo el is also available as a special article in a version complying with the requirements laid down in the American standard NFPA 99 (minimum quantity on request).







Rubber flooring largely resistant to oils and greases.

Suitable for fork-lift-truck areas.

norament® 926 xi

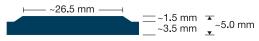


4

Art. 926 xi/354

 \square ~ 1004 mm x 1004 mm

nora® profile connection dimension: E + U



4

Art. 926 xi/379

□ ~ 1004 mm x 1004 mm

nora® profile connection dimension: E + U

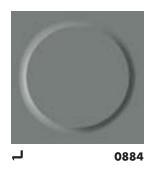


Art. 926 xi/1968

Like article 379, however with sanded round pastille.
Particularly slip-resistant.

norament® stairtreads

Colours marked with this symbol are also available as norament® 926 xi stairtread.









M noraplan® acoustic

Rubber floorings for high footfall sound absorption with a footfall sound absorption improvement of

20 dB

noraplan® signa acoustic



& 8

Art. 1420

~ 1.22 m x 12.0 m

Art. 2420

 \square ~ 610 mm x 610 mm 10 \square = 3.72 m² in one carton

nora® profile connection dimension: F + U

noraplan® mega acoustic



& 8

Art. 188

~ 1.22 m x 12.0 m

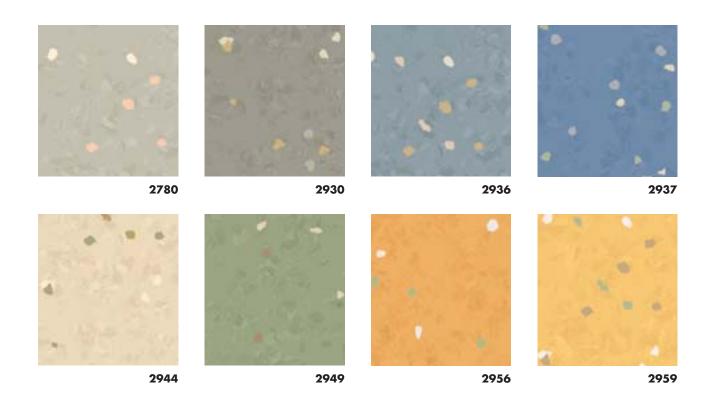
Art. 288

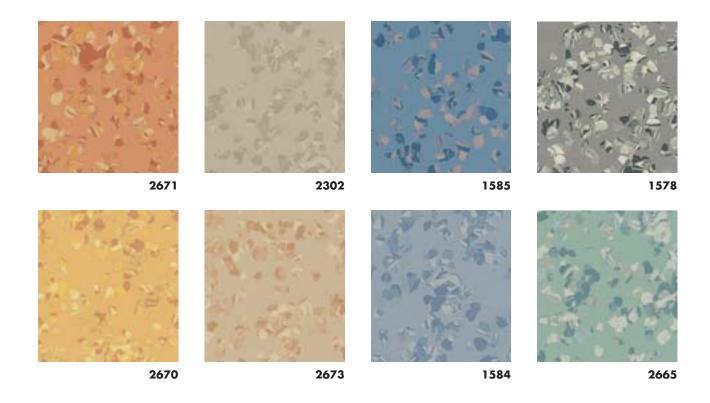
 \square ~ 610 mm x 610 mm

 $10 \square = 3.72 \text{ m}^2 \text{ in one carton}$

nora® profile connection dimension: F + U

noraplan® acoustic floorings have to be sealed with the **nora®** hot welding rod.





M noraplan® acoustic

Rubber flooring for high footfall sound absorption with a footfall sound absorption improvement of

20 dB

noraplan® stone acoustic

å 16

Art. 148

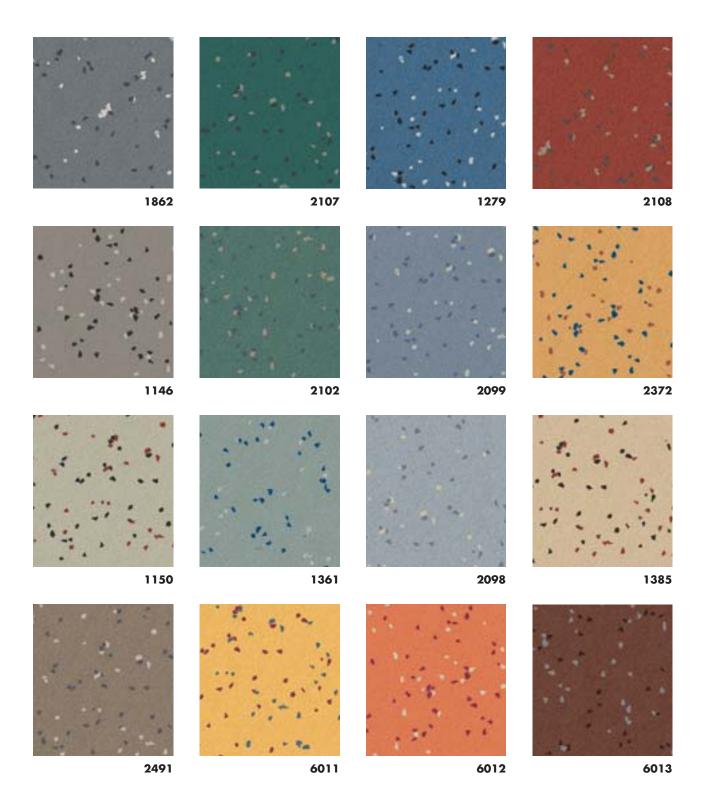
~ 1.22 m x 12.0 m

Art. 248

 \square ~ 610 mm x 610 mm 10 \square = 3.72 m² in one carton

nora® profile connection dimension: F + U

noraplan® acoustic floorings have to be sealed with the **nora®** hot welding rod.





Rubber floorings for special fire-protection requirements.

Safe in fire-toxicological terms.

Extremely UV-resistant.

norament® 923



4

Art. 923/354

 \square ~ 1000 mm x 1000 mm

nora® profile connection dimension: E + U

norament® 923 grano

4

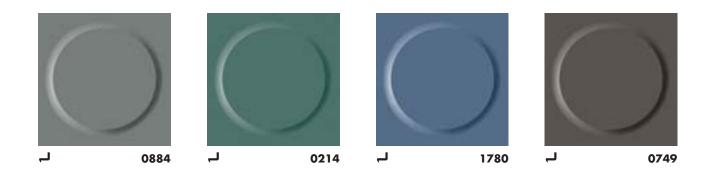
Art. 923 grano/1880

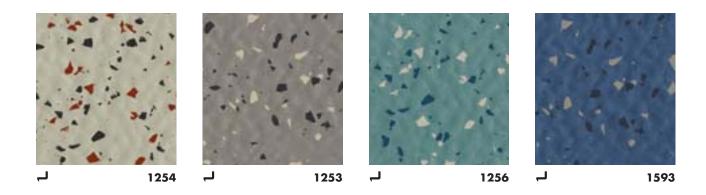
 \square ~ 1000 mm x 1000 mm

nora® profile connection dimension: E + U

norament® stairtreads

→ Colours marked with this symbol are also available as norament® 923 and norament® 923 grano stairtreads.



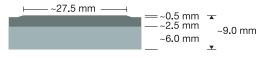


norament® 992 / 992 grano / 945 grano

Rubber floorings for areas with extreme requirements e.g. ice rinks, golf clubs, animal stables, etc.

With a high percentage of recycled rubber materials.

norament® 992



& 4

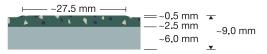
Art. 992/1956

□ ~ 1002 mm x 1002 mm

nora® profile connection dimension: N

Please observe price group black/coloured.

norament® 992 grano



Art. 992 grano/1956

with round pastilles

 \square ~ 1002 mm x 1002 mm

nora® profile connection dimension: N



<u>.</u> 4

Art. 992 grano/1955

with hammerblow surface

 $\hfill \square$ ~ 1002 mm x 1002 mm

nora® profile connection dimension: N

Please note

With hammerblow surface not suitable for wet areas in ice rinks where there is a risk of standing water e.g. from melted ice.

Rubber flooring with a high percentage of recycled materials.

For protection and safety in indoor shooting facilities.

norament® 945 grano

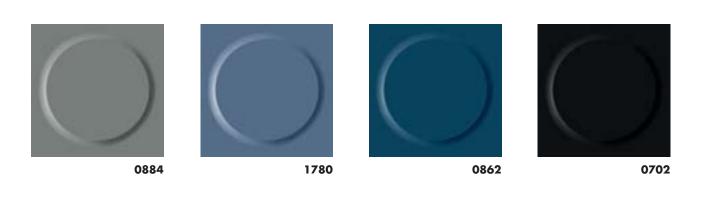


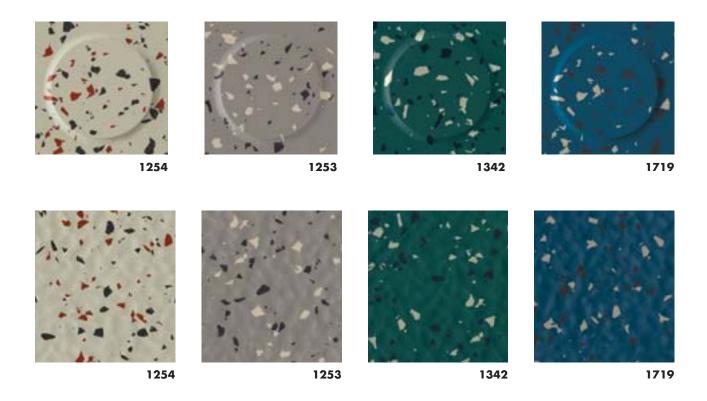
~ 2

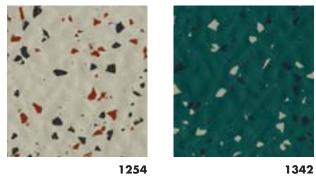
Art. 945 grano/1938

□ ~ 1000 mm x 1000 mm

nora® profile connection dimension: U









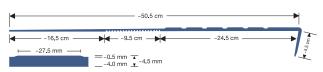


norament® stairtreads

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

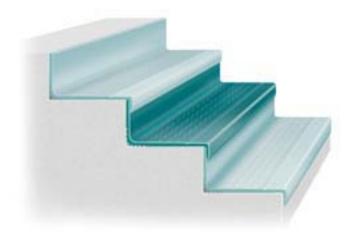
For stairwell areas which are subject to extreme use, one-coloured, tread with round pastilles.

norament® 925



å 12

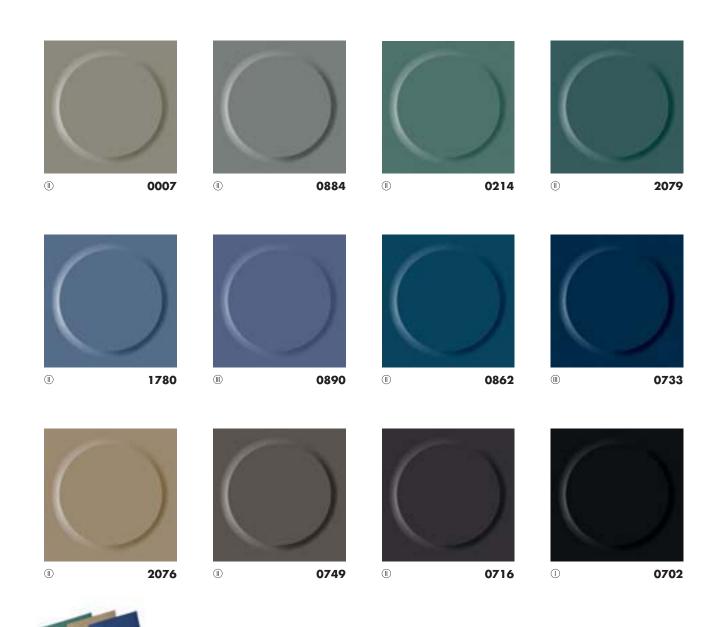
Art. 925/464 - width 1002 mm Art. 925/465 - width 1285 mm Art. 925/466 - width 1614 mm Art. 925/467 - width 2004 mm



norament® stairtreads with highlight yellow or phosphorescent permalight® safety strip. Stairtreads norament® 925 in all current widths and colours of our standard range may be additionally equipped with highlight yellow safety strips of 2 cm width or a phosphorescent permalight® safety strip according to DIN 67 510 in the horizontal part of the stair nosing.

Different-coloured safetey strips are available on request.

O = Price category

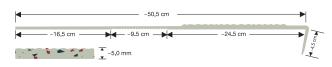


norament® stairtreads

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

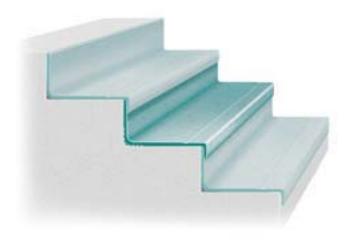
For stairwell areas for extremely heavy traffic areas, with granule effect, tread with hammerblow surface.

norament® 925 grano



å 12

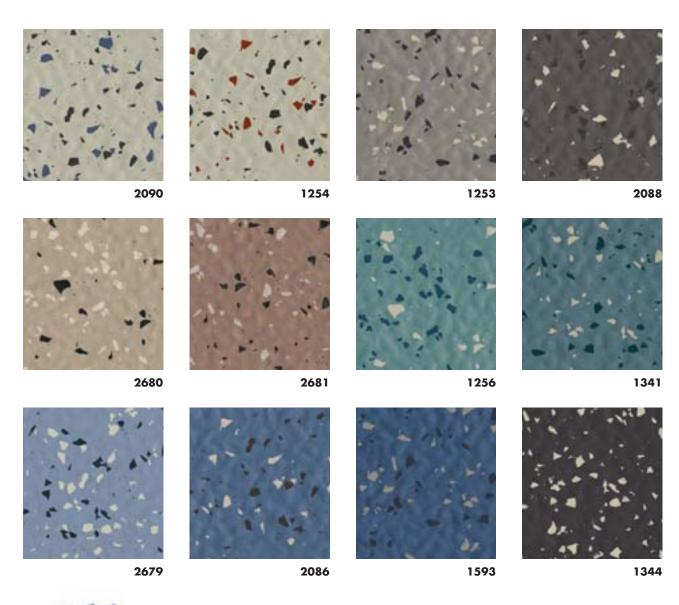
Art. 925 grano/463 - width 1002 mm Art. 925 grano/479 - width 1285 mm Art. 925 grano/468 - width 1614 mm Art. 925 grano/469 - width 2004 mm

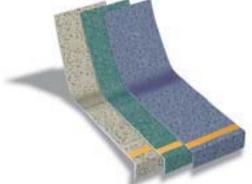


norament® stairtreads with highlight yellow or phosphorescent permalight® safety strip.

Stairtreads norament® 925 grano in all current widths and colours of our standard range may be additionally equipped with highlight yellow safety strips of 2 cm width or a phosphorescent permalight® safety strip according to DIN 67 510 in the horizontal part of the stair nosing.

Different-coloured safetey strips are available on request.





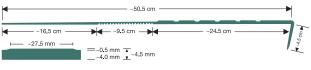
For stairwell areas for extremely heavy traffic areas.



Largely resistant to oils and greases.

norament® 926 xi

One-coloured, tread with round pastilles.



4

Art. 926 xi/465 - width 1285 mm



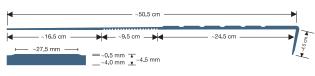
For special fire protection requirements.

Safe in fire toxicologically terms.

Extremely resistant to U.V. light.

norament® 923

One-coloured, tread with round pastilles.

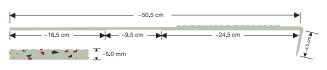


<mark>--</mark>- 4

Art. 923/465 - width 1285 mm

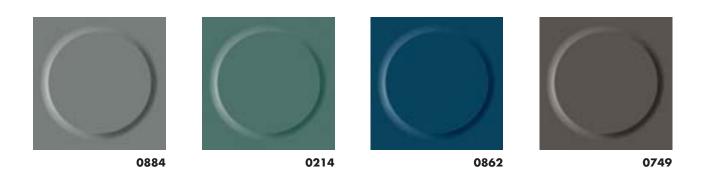
norament® 923 grano

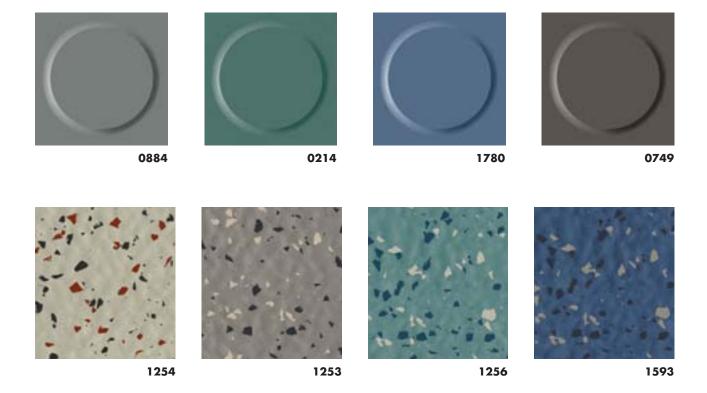
Granule effect, tread with hammerblow surface.



& 4

Art. 923 grano/479 - width 1285 mm





nora® stair accessories

8





nora® accessories for stairwell areas

Accessory range made of rubber matched to suit norament® and noraplan® floorcoverings. Can also be used in combination with other types of floorings. **nora**® profiles are impact and shock-resistant, do not shrink, do not contain any plasticizers and retain their functional reliability on a lasting basis.

nora® stair nosings T 5049 / T 5044

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

Minimum order quantity: 5 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.

nora® stair angles

TW 7005 U / TW 7006 U / TG 7003 U / TG 7004 U

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

Supplied as: pieces

nora® skirting S 1008 U

Multi-purpose skirting.

Supplied as: rolls of 10 r.m.

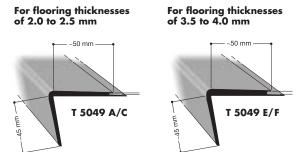
nora® stringer A 5013 U

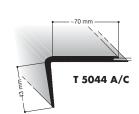
For landings and ramps

Supplied as: in units of 2.5 r.m.

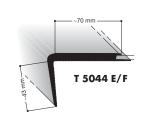
1 T 5049: Fixing with contact adhesive

2 T 5044: Fixing with nora® Profix roll-type dry adhesives

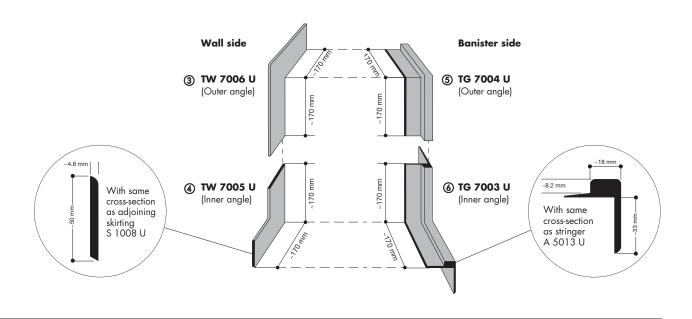




For flooring thicknesses of 2.0 to 2.5 mm



For flooring thicknesses of 3.5 to 4.0 mm

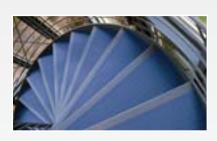




nora® stair accessories



4





nora® stair margin

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

Art. 724

~ 600 mm x 100 mm

Thickness 12 mm

Supplied as: pieces

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.

nora® special range for stairwell areas

The special range offers profiles with different crosssections for further applications.

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

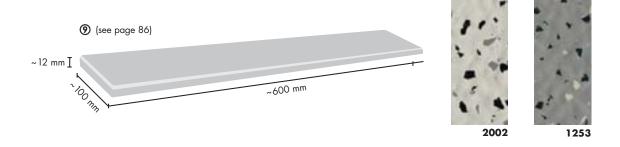
Delivery units and minimum order quantities on request.

nora® stair nosings

T 5019 / T 5033 / T 5045 / T 5005

nora® wall stringer profile for stairs

S 1030 U

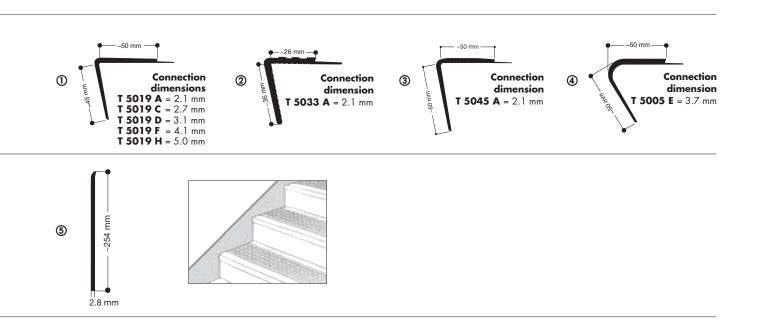


The cost and eco-conscious adhesive innovation. Suitable for new buildings and renovation. Advantages: 3 – 5 times as quick, odourless, can be walked on immediately, economic, eco-compatible, and reliable thanks to excellent bonding performance.

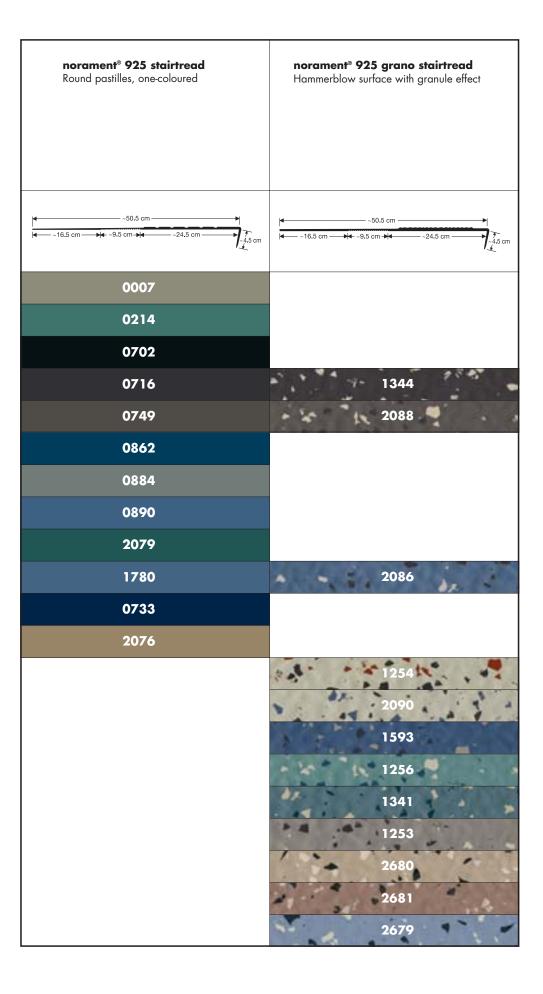
Developed and produced in cooperation with SIFLOOR AG, Switzerland $\,$

nora® Stepfix 240 Special roll-type dry adhesive



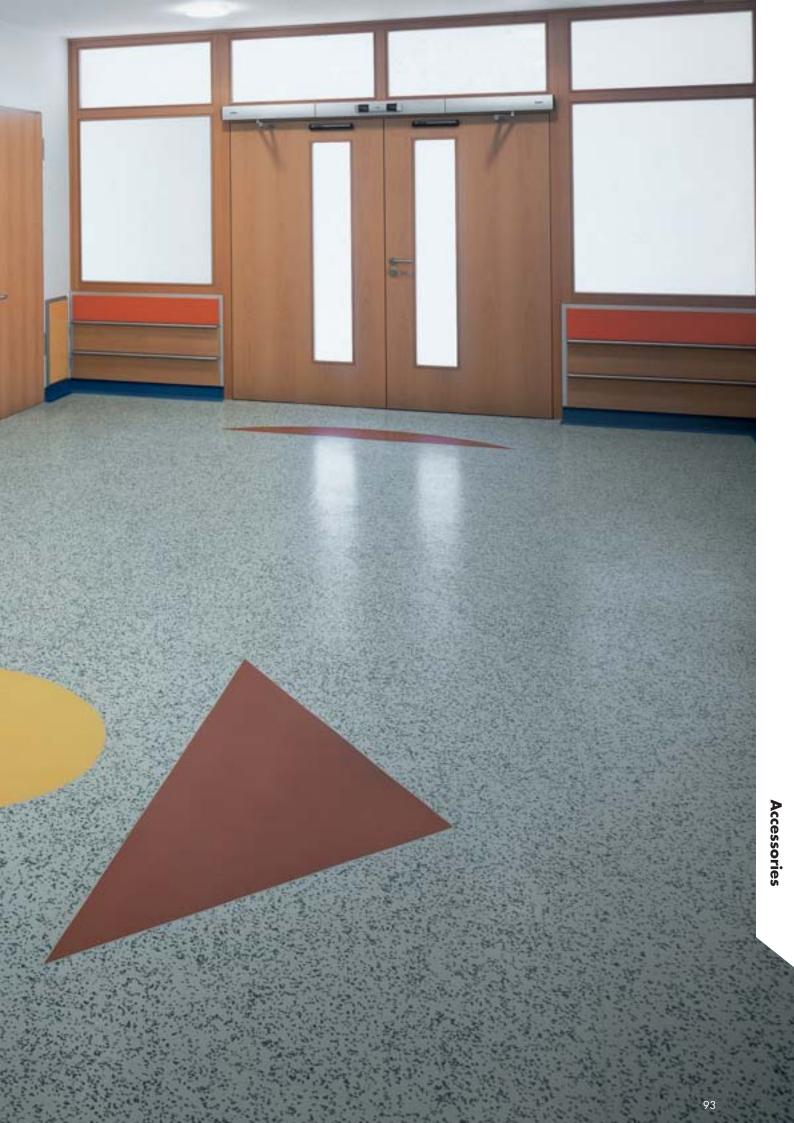


nora® accessories colour range

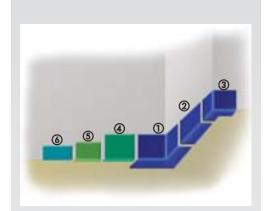


Colours		nora® sta	ir nosings		nora® stair angles	nora® skirting	nora® stringer
	T 5044 A/C	T 5044 E/F	T 5049 A/C	T 5049 E/F	TG 7003 U TG 7004 U TW 7005 U TW 7006 U	S 1008 U	A 5013 U
				_		1	
0007					•	•	•
0214					•	•	•
0702	•	•	•	•	•	•	•
0716	•	•			•	•	•
0749	•	•	•	•	•	•	•
0862					•	•	•
0884			•	•	•	•	•
0890					•	•	•
2079	•	•	•	•	•	•	•
1780	•	•			•	•	•
0733	•	•	•	•	•	•	•
2076	•	•	•	•	•	•	•
1150					•	•	•
1150					•	•	•
1593			•	•	•	•	•
1156					•	•	•
1341					•	•	•
1146	•	•	•	•	•	•	•
2680					•	•	•
2681					•	•	•
2679					•	•	•





nora® accessories







nora® accessories

Accessory range made of rubber matched to suit norament® and noraplan® floorcoverings for convincing problem solutions both in visual and functional terms. Easy to clean, suitable for areas with high hygienic requirements. The materials are impact- and shock-resistant, do not contain any plasticizers and retain their functional reliability on a lasting basis.

nora® skirting S 3003 and skirting angles SI 7001 / SA 7002

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

Delivered as:

SA 7002 and **SI 7001**: as pieces **\$ 3003**: in rolls of 10 r.m.

nora® skirtings

S 1023 U / S 1024 U

For areas with high requirements in terms of appearance and hygiene. The permanently resilient sealing lip of S 1023 U and S 1024 U reliably accommodates pastille heights of up to 1 mm. Also optimally suitable as wall stringer with raised-access floors.

Supplied as: in rolls of 10 r.m.

nora® skirting S 1008 U

Adjoining skirting for **nora**® stair angles "TW". Supplied as: in rolls of 10 r.m.

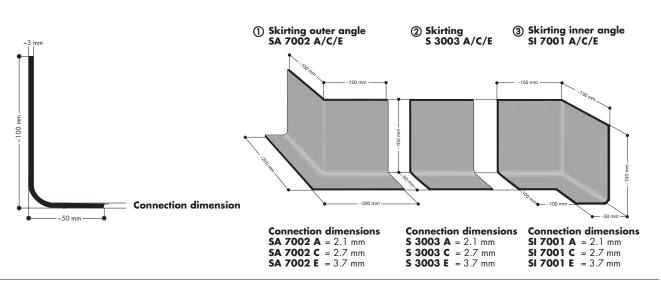
nora® cushioned-edge profile H 9010

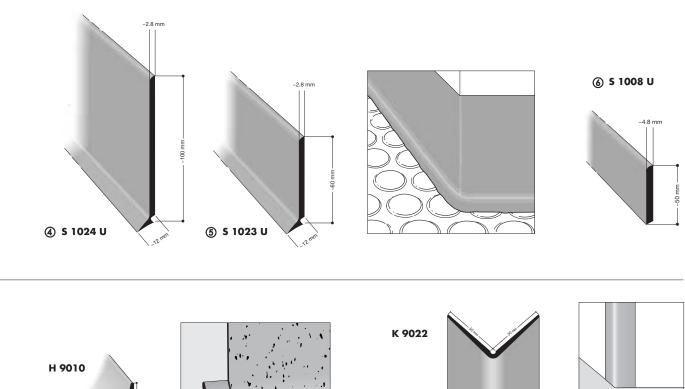
For optimum transition between the **noraplan**® floorcoverings and the wall.

nora® margin and angle guard K 9022

Impact-resistant and shock-proof margin guard to protect persons, wall angles, transport means.

Delivery unit: 2.5 m





nora® Profix dry adhesive tapes

nora® Profix 50

For quick installation of skirting S 1023 U.

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).

nora® wall guard W 9001

Gives optimum protection to walls, beds, equipment etc.

nora® hot welding rod for noraplan®

Can be delivered in all colours to match the **noraplan**® floorcovering colours.

Since **noraplan**® floorcoverings do not contain any plasticizers, there is no shrinkage after installation. This is why the floorings do not have to be sealed, only **noraplan® acoustic** floorings due to the floorings' high resilience. 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 where stringent requirements must be met with regard to hygiene, or for special requirements, e.g. in laboratories. In operating theatres or on other small **noraplan**® surfaces where the joints of the skirtings are sealed with **nora**® two-component joint sealing compound, to simplify the working procedures involved you can also seal the joints of these surfaces with the **nora**® joint sealing compound.

Article 946

round, Ø 4 mm, rolls of 100 r.m.

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 use on other floorcoverings.

Supplied: in rolls of 10 r.m.





Wall nosings with **noraplan**® rubber floorcovering



nora® joint sealing compounds

For colours, please see the colour matrix on pages 98/99

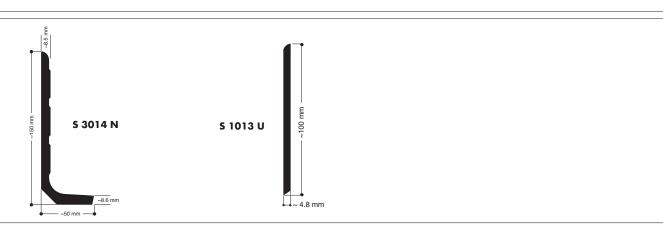
Processing of **nora**®

skirtings

Since **norament**® and **noraplan**® floorcoverings do not contain any plasticizers, there is no shrinkage after installation. This is why the floorings do not have to be sealed. However, it is advisable to seal the joints in case of damp-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, with exception of **norament**® **992** and **norament**® **992** grano.

nora® 2 component joint sealing compound TH	nora® 1 component joint sealing compound					
Article 921 820 g basic compound	Article 928 300 ml cartridge					
Article 919 180 g hardener						
2 plastic disposable cartridges (included in delivery scope), sufficient for approx. 20 - 40 r.m.	1 plastic disposable cartridge, sufficient for 15 - 18 r.m.					

Please note: Joint cutter (art. no. 95623) and stirring spindle for drills (art. no. 91052, only required for 2 component sealing compound) may be ordered from our company.



nora® accessories colour range

Colours	nora® skirtings			no and	ora® skirtin skirting an	gs ales	nora® wall	nora® margin and	nora® joint sealing	
				SA 7002 A	SA 7002 C S 3003 C		guard	angle guard	compound	
	S 1023 U	S 1024 U	S 1008 U	S 3003 A SI 7001 A	SI 7001 C	SI 7001 E	W 9001	K 9022		
	J		1							
		,	-				<u> </u>	47	_	
0007			•							
0170 0214		•	•							
0702									•	
0716										
0733										
0749	•	•							•	
0805										
0862	•	•	•						•	
0866	•									
0884	•	•	•						•	
0890			•							
1146	•	•	•			•	•		*1253	
1150	•	•	•			•			*1254	
1156	•		•			•			*1256	
1276	•	•								
1279	•	•								
1341			•			•			•	
1346 1361		•								
1384	•					•	_		*1238	
1385									1250	
1400										
1401										
1406	•					•				
1413	•	•		•	•	•			•	
1578	•	•		•	•				•	
1581	•	•		•	•				•	
1582									•	
1584	•	•		•	•				•	
1585	•	•		•	•				•	
1591									•	
1593	•	•	•			•			•	
1780	•		•						•	
1810 1843	•	•								
1843									•	
1845	•									
1848						•				
1862	•									
2076			•							
2078	•									
2079			•							
2092									•	
2099	•	•								

Colours	nora® skirtings			ne	ora® skirtin		nora®	nora®	norg® ioint	
Colours	110	ora skiriin	gs	and	skirting ar	ngles	wall	margin and angle guard	nora® joint sealing	
				SA 7002 A	SA 7002 C	SA 7002 E S 3003 E	guard	angle guard	compound	
	S 1023 U	S 1024 U	S 1008 U	S 3003 A SI 7001 A	S 3003 C SI 7001 C	SI 7001 E	W 9001	K 9022		
		1				,	1	N 4		
			1							
								4		
		,					<u> </u>	40		
2120				•		•			•	
2171	•									
2216	•	•		_			•		_	
2302				•						
2380	•	•								
2382 2384									•	
2390										
2390										
2395										
2398										
2600	•								•	
2601									•	
2602									•	
2603									•	
2604	•	•							•	
2631	•	•								
2634	•	•								
2635	•									
2636	•	•								
2645	•	•								
2656	•									
2662 2664		•								
2666										
2667										
2668									•	
2669										
2670	•			•	•					
2671	•	•		•	•				*1742	
2672	•								•	
2674									•	
2675	•	•							•	
2676	•							•	•	
2677									•	
2678									•	
2679	•	•	•						•	
2680			•						•	
2681	•		•						•	
2682									•	
4638	•								•	
4640 4752									•	
4752										
4/33										

^{*} Please use the colour numbers stated when ordering these colours for joint sealing compound. For available combinations of profile colours and floorcoverings, please visit www.nora.com

Technical data norament®

	Test method	Requirements	Average test results from running production											
				925 strada 925 grano 925 lago 925 serra	825	986 luxor	986 cara 986 metro	926 xi	992 992 grano	923 923 grano	945 grano	928 al	928 al grano 928 al lago	927 el grano
CE conformity	EN 14 041		◀	1	1			ra systems G				1	1	
Dynamic coefficient of friction	EN 13 893		<					DS-						
Reaction to fire	EN 13 501-1			(₁₁ -51	(_{fr} s1	C _{ll'} s1	B _{il} -s1	(_{II} s)	C _{ff} -s2	B _{il} -s1	B _{ff} s2	(_{II} s)	(_{fr} s1	C _{il} -s2
Electrical behaviour	EN 1081											≤	10°	≤ 106
Properties acc. to EN 1817/EN 1	2 199													
Thickness	EN 428	Mean value ± 0.20 mm of nominal value EN 12 199	4 mm		3.2 mm (Art. 1902)		3.5 mm (metro)	354=4 mm 379+1968 =5 mm	9 mm (Art. 1956)	4 mm (Art. 354)		4 mm		
		Mean value ± 0.15 mm of nominal value EN 1817		3.5 mm	2.7 mm (Art. 1910)	3.5 mm	3.5 mm (cara)		9 mm (Art. 1955)	3.5 mm (Art. 1880)	22 mm		3.5 mm	3.5 mm
Dimensional stability	EN 434	± 0.4 %	—		(AII. 1710)		(tuiu)	± 0.3 9		(AII. 1000)				>
Tear strength	ISO 34-1			00.11/	40.11./	45.11./	20.11 /			50 H /	20.11./	40.11./	1011/	
	method B, procedure A	Mean value ≥ 20 N/mm	38 N/mm	38 N/mm	40 N/mm	45 N/mm	38 N/mm	40 N/mm	40 N/mm	50 N/mm	38 N/mm	40 N/mm	40 N/mm	40 N/mm
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) level ≥ 4 Procedure B (burning) level ≥ 3	◀	fulfilled ——	-	-	-	◀			— fulfilled —			-
Flexibility	EN 435, procedure A	Mandrel diameter 20 mm, no fissuring	◀					fulfille						-
Hardness	ISO 7619	≥ 75 Shore A	85 Shore A	85 Shore A	88 Shore A	92 Shore A	85 Shore A	80 Shore A	72 Shore A	93 Shore A	84 Shore A	81 Shore A	81 Shore A	86 Shore A
Residual indentation	EN 433	Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness ≤ 3.0 mm	0.15 mm	0.15 mm	0.15 mm	0.10 mm	0.15 mm	0.20 mm	0.30 mm	0.15 mm	0.20 mm	0.15 mm	0.15 mm	0.10 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	≤ 250 mm ³	115 mm ³	115 mm ³	140 mm ³	110 mm ³	115 mm ³	115 mm ³	90 mm ³	125 mm ³	115 mm ³	105 mm ³	105 mm ³	90 mm ³
Colour fastness	EN 20 105-B02, procedure 3,	at least level 6 on the blue scale	4	•			nrev scal	e ≥ level 3 acc.	to FN 20 105.					
to artificial light	test conditions 6.1 a)	level ≥ 3 on the grey scale (= 350 MJ/m ²)						1			I			
Classification	EN 685	Residential/Commercial/Industrial	23/34/43	23/34/43	23/32/41	23/34/43	23/34/43	23/34/43	23/34/43	23/34/43	23/34/43	23/34/43	23/34/43	23/34/43
Additional technical properties														
Fire behaviour	DIN 4102		B1	B1	B1	B1	B1	B1	B2	B1	B1	B1	B1	B2
Toxicity of fire gases	DIN 53 436		-	-	-	-	-	-	-	carbonisation gases are non-toxic	-	1	ntion gases on-toxic	-
Anti-slip properties	DIN 51 130	according BGR 181	R 9	R 9 strada+serra=R 10	R 9	R 9	R 9 metro=R 10	R 9 1968=R 10	R 9	R 9	R 9	R 9	R 9	R 9
Improvement in footfall sound absorption	ISO 140-8		12 dB	10 dB	1902=9 dB 1910=6 dB	8 dB	8 dB	354=12 dB 379+1968 =15 dB	15 dB	354=12 dB 1880= 10 dB	18 dB	12 dB	10 dB	10 dB
Effect of chemicals	EN 423		◀			res	istant dependi	ng on concentro	tion and time	of exposure* –				>
Thermal conductivity	DIN 52 612		0.39 W/mK	0.35 W/mK	0.43 W/mK	0.40 W/mK		0.42 W/mK le for underfloo		0.53 W/mK	-	0.40 W/mK	0.40 W/mK	0.56 W/mK
Electrical insulation properties	IEC 60093, VDE 0303 T.30		\				> 1010 Ohm —	e ioi ollaeilloo	ileuilily sysie			alactric	al behaviour se	a halow
Electrical propensity	EN 1815		<u></u>		antis			er soles < 2 kV					al behaviour se	
when walked upon Effect of a castor chair	EN 425		antistatic, charging in case of rubber soles < 2 kV → electrical be — suitable if castor wheels, type W, according to EN 12 529 are used											
	EN 425					SUITAL	ile it castor wh	eeis, type w, ac	cording to EN I	12 529 are use	0			
Electrical behaviour **				1					I					
Resistance to EPA ground	ESD STM 7.1/ IEC 61340-4-1	measuring the installed floor at 23 °C (\pm 2 °C) and \geq 25 % r.h.	-	-	-	-	-	-	-	-	-	106 - 9 :	x 10 ⁷ Ohm	< 106 Ohm
		measuring the installed floor at 23 °C (± 2 °C) and < 25 % r.h., installed on an appropriate subfloor build up	-	-	-	-	-	-	-	-	-	106 - 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 ($R < 5 \times 10^6$ Ohm) measuring the installed floor at 23 °C (\pm 2 °C) and \geq 25 % r.h.	-	-	-	-	-	-	-	-	-	≤ 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 21 °C and 20 % r.h.	-	-	-	-	_	-	-	_	-	<	10 V	< 10 V
Resistance to earth	EN 1081		-	-	-	-	-	-	-	-	-	106 - 9	x 10 ⁷ Ohm	< 106 Ohm
Insulation resistance	VDE 0100 / T.610 / CENELEC HD 384.6.61 S2:2003		-	-	-	-	-	-	-	-	-	≥ 5 x	104 Ohm	-

In case of increased import 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 monufacturer.

The used adhesive has to have a permanent resistance of R < 3 x 10° Ohm according to EN 13 415.

If extensely 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 floorcoverings EN 12 199: Specification for homogeneous and heterogeneous profiled elastomer floorcoverings

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

Technical Data

Technical data noraplan®

	Test method	Requirements			Aver	nge test resu	ts from runni	ng production			
			uni 2.0 mm logic 2.0 mm signa 2.0 mm stone 2.0 mm mega 2.0 mm classic 2.0 mm grip 2.0 mm	ultra grip 2.0 mm	есо 2.0 mm	signa 3.0 mm	mega 3.0 mm	stone acoustic mega acoustic signa acoustic	stone al 2.0 mm mega al 2.0 mm plus al 2.0 mm signa al 2.0 mm	plus al 3.5 mm signa al 3.5 mm	duo el
CE conformity	EN 14 041		◀		— Manufactu	rer: nora sys	tems GmbH,	D-69469 Weinheim —			
Dynamic coefficient of friction	EN 13 893		◆				—DS——				-
Electrical behaviour	EN 1081		-	-	-	-	-	-	≤ 109		≤ 106
Reaction to fire	EN 13 501-1	not bonded bonded on mineral subfloor	D -1	C -1	C-1	(_{fr} s] -	D -1			<u> </u>	B _{ff} -s1
Reaction to fire	EN 13 501-1	Donaed on mineral submoor	B _{ff} s1	Carsi	C _{ff} -S1	C _{ff} s1	B _{it} s1	-	-		-
Properties acc. to EN 1817/EN 1	4 521										
Thickness	EN 428	Mean of nominal value without foam backing ± 0.15 mm with foam backing ± 0.20 mm	2.0 mm -	2.0 mm -	2.0 mm -	3.0 mm -	3.0 mm -	- 4.0 mm	2.0 mm -	3.5 mm -	2.5 mm -
Dimensional stability	EN 434	± 0.4 %	*				± 0.3 % ——				-
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) level ≥ 4 Procedure B (burning) level ≥ 3	◀			fulfilled ——				-	fulfilled
Flexibility	EN 435, procedure A	Mandrel diameter 20 mm, no fissuring	fulfilled -			-	-	⋖ fulfille		-	fulfilled
Hardness	ISO 7619	≥ 75 Shore A	92 Shore A	92 Shore A	92 Shore A	92 Shore A	92 Shore A	85 Shore A	92 Shore		92 Shore A
Residual indentation		Mean value ≤ 0.15 mm at thickness < 2.5 mm	0.05 mm	0,05 mm	0.06 mm	-	-	-	0.05 mm	-	-
	EN 433	Mean value ≤ 0.20 mm at thickness ≥ 2.5 mm acoustic: Mean value ≤ 0.25 mm	-	-	-	0.05 mm	0.05 mm	- 0.25 mm	-	0.05 mm	0.03 mm
Abrasion resistance at 5 N load	ICO 4/40 A	acoustic: Mean value ≤ 0.25 mm ≤ 250 mm³	- 200 mm³	200 mm ³	- 230 mm ³	- 200 mm ³	- 200 mm ³	0.25 mm 150 mm ³	- 180 mm	3	- 150 mm ³
Colour fastness	ISO 4649, procedure A EN 20 105-B02, procedure 3,	at least level 6 on the blue scale	200 mm²	200 mm³	230 mm ³	ZUU MM°	ZUU MM°	150 mm²	100 mm		150 mm²
to artificial light	test conditions 6.1 a)	level ≥ 3 on the grey scale (= 350 MJ/m ²)	◀		g	rey scale ≥ lev	el 3 acc. to EN 2	20 105-A 02			
Classification	EN 685	Residential/Commercial/Industrial	23/34/42	23/34/42	23/34/42	23/34/43	23/34/43	23/33/-	23/34/42	23/34/43	23/34/43
Additional technical properties											
Fire behaviour	DIN 4102		◀				—B1——				
Toxicity of fire gases	DIN 53 436		~			— carbonisati	on gases are no	n-toxic —			-
Anti-slip properties	DIN 51 130	according BGR 181	grip: R 10 other: R 9	R 11	R 9	R 9	R 9	R 9	R9		R 9
	DIN 51 097		-	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 140-8		6 dB	7 dB	5 dB	8 dB	8 dB	20 dB	6 dB	10 dB	6 dB
Effect of chemicals	EN 423		4	I				d time of exposure*			-
Thermal conductivity	DIN 52 612		0.61 W/mK ◀	0.61 W/mK	0.61 W/mK	0.61 W/mK suitable for un	0.61 W/mK derfloor heatin	0.12 W/mK g systems	0.54 W/n	ıK	0.45 W/mK
Electrical insulation properties	IEC 60093. VDE 0303 T.30		←		> 1010 Ohm -			>	electrical	behaviour see b	elow
Electrical propensity when walked upon	EN 1815		→ an	tistatic, chargin	g in case of rul	ber soles < 2 l	dV ————V	-	electrical	behaviour see b	elow
Effect of a castor chair	EN 425		-		– suitable if ca	stor wheels, typ	e W, according	to EN 12 529 are used —			>
Floridation below: **											
Resistance to EPA ground	ESD STM 7.1/	measuring the installed floor at 23 °C									
Resistance to EFA ground	IEC 61340-4-1	(± 2 °C) and ≥ 25 % r.h.	-	-	-	-	-	-	106 - 9 x 107	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 Oh	m***	< 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 $^\circ$ C (\pm 2 $^\circ$ C) and \geq 25 $\%$ r.h.	-	-	-	-	-	-	≤ 3.5 x 10 ⁷ 0hm		< 3.5 x 10 ⁷ Ohm
Body voltage generation	ESD STM 97.2 IEC 61340-4-5	tested with defined conductive footwear with 21 °C and 20 % r.h.	-	-	-	-	-	-	< 10 V		< 10 V
Resistance to earth	EN 1081		-	-	-	-	-	-	106 - 9 x 10 ⁷	0hm	< 10 ⁶ 0hm
Insulation resistance	VDE 0100 / T.610 / CENELEC	I		1	I	1					

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 monufacturer.
 The used adhesive has to have a permanent resistance of R < 3 x 10° Ohm according to EN 13 415.
 If extremely law humidity values (< 25 % relative air humidity (* c.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 floorcoverings
EN 14 521: Specification for smooth rubber floorcoverings with or without foom backing with a decorative layer.
Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.



Please note:

norament® and noraplan® have been developed for indoor installation. **nora**® floorcoverings are not suitable for installation in outdoor applications or in particularly wet areas.

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 floorcoverings may encounter.

If the floorcovering 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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