

For a space that really "gets it."

It's not about the floor. It's about a complete environment where design and functionality work together for you. That's why nora provides sustainable flooring solutions that reduce maintenance, absorb noise and increase underfoot comfort while reducing slips and falls.

We start by listening.

When it comes to improving your environment, nobody has more to say than you do. So our first priority is to listen. By working with you every step of the way, nora will help you turn your ideal space into a reality.







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I flooring selector

Choose the flooring solutions to meet your needs

										_
				nora	ıment® tiles					1
	grano	grano ed	ingresso	round & hammered	satura	serra	хр	920	992/992 grano	
HEALTHCARE										
Stairs/Landings	Best	_	_	A 1	Best	Α	_	А	_	Ţ
Entrances	Best	_	_	-	Best	Best	Best	_	_	
Waiting Areas	Best	_	_	_	Best	Best	Best	_	_	
Patient Rooms	А	-	-	-	A	-	А	_	_	
Nurses Stations	Best	_	_	_	Best	_	Best	_	_	╧
LDR	_	_	_	-	_	_	_	_	_	
Corridors (excluding first floor)	Best	_	_	-	Best	_	Best	_	_	Ļ
First Floor Corridors	Best	_	_	-	Best	-	Best	_	_	
Sterile Care Corridors	Α	_	_	-	A	_	Best	_	_	Ļ
Service Corridors and Elevator	Best	_	_	-	Best	_	Best	_	_	
Surgical Suites (ORs, PACUs) and Cath Labs	A	_	_	_	A	_	Best	_	_	Ļ
Dialysis	A	_	_	-	A	A	Best	_	_	
Emergency Departments	A	_	_	_	A	_	Best	_	_	Ļ
Laboratories	A	_	_	-	A	A	A	_	-	1
Rehabilitation	A	_	_	A 1	A	_	Α	_	_	L
NICU	A	_	_	-	A	_	Α	_	_	4
Intensive Care	Α	_	_	-	Α	_	Α	_	_	╧
Radiology/MRI	A	_	_	A 1	A	_	Α	_	_	
Pharmacy	А	_	_	_	А	A	A	_	_	
EDUCATION										4
Stairs/Landings	Best	_	_	А	Best	Best	-	A	_	T
Entrance Areas	Best	_	_	Best 1	Best	Best	_	A	_	4
Corridors	Best	_	_	A	Best	A	_	A	_	T
Auditoriums/Cafeterias	Best	_	_	A 1	Best	A	-	_	-	4
Gyms/Multipurpose Areas	A	_	_	A 1	A	_	_	_	А	T
Classrooms	Best	_	_	A 1	Best	А	-	_	_	4
Computer Rooms	A	Best ■	A	A	A	A	_	_	_	t
Laboratories	A	A ■	_	A 1	A	_	_	_	_	4
LIFE SCIENCES				~						
Stairs/Landings	Best	A■	_	A	Best	Best	-	A	_	1
Cleanroom	_	_	_	_	_	_	Best	_	_	1
cGMP Production	_	_	_	_	_	_	Best	_	_	+
Laboratories	Best	Best ■	_	A 1	Best	A	A	_	_	+
Small Parts Assembly	Best	Best ■	_	-	Best	Best	A	_	_	+
<u> </u>			_	_		Desi —	— A	_	_	+
Machine Shop (oil)	Best	Best ■			Best					+
Warehouse (forklift)	_	-	_	_	-	A	Best	_	_	+
Corridors	Best	Best		A	Best	Best	Α	_	_	

Key

Best = Best

- A = Acceptable
- = Not recommended
- 1 = Hammered Surface Recommended
- 2 = For special oil and grease or fire-resistant applications for stairtreads, please contact nora systems, Inc.
- \blacksquare = ed products use conductive adhesive
- *Contact nora systems, Inc. for more information.

	norament® stairtreads		r	oraplan® tiles/rolls		
	norament® one-piece nosing-tread-riser	degree/ environcare™/ sentica (3.0 mm)	eco/ environcare™/ sentica (2.0 mm)	environcare™ acoustic/ sentica acoustic	environcare™ed/ sentica ed	unita
	Best	-	_	-	-	_
	-	-	-	-	-	_
_	1	Best	A	_	_	A
	-	Best	Best	-	_	-
	_	Best	A	_	_	_
	-	Best	Best	-	-	_
	1	Best	Best	_	_	_
	_	Best	A	-	-	-
	_	Best	-	_	_	_
	_	-	_	_	_	_
	_	Best	_	_	_	_
	_	Best	A .	-	-	_
	_	Best	A	_	_	_
	-	Best	A	_	_	_
		Best	A	A	_	_
	_	Best	A	Best	-	-
	_	Best	Best	A	_	_
	-	Best	A	-	A ■ *	_
	_	Best	A	A	_	_
	Best	_	_	_	_	_
	_	A	-	-	-	A
	_	Best	A	-	-	A
	-	A	A	-	_	-
	_	A	A	_	_	_
	_	Best	A	A	A■	A
	-	A	A	_	Best ■	_
	-	Best	A	A	Best ■	_
	Best 2	_	_	_	_	_
		A	A	_	Best ■	
		— A	— A	_	best ■	
		Best	Best	Best		
		best —	Dest —	best —	Best ■	
					A ■	
	-	_	_	_	_	_
	_	_		_	_	<u> </u>
	_	A	A	A	A■	A

norament® grano

For extra heavy traffic areas in a hammered surface with an exciting confetti design



→ norament® stairtreads — also available as norament® stairtread

*NOTE: 2475 Cardinal Red is only available as norament® 992 grano.

norament® grano

32 Standard Colors

Article 1880

 $\square = ~39.53" \times 39.53" / ~1004 \text{ mm} \times 1004 \text{ mm}$

▲~.14"/~3.5 mm

Thickness: $\sim .14$ "/ ~ 3.5 mm

norament[®] grano ■ For raised-access floors

2 Standard Colors

Article 1912

 $\square = ~24.6" \times 24.6" / ~625 \text{ mm} \times 625 \text{ mm}$

~.14"/~3.5 mm Thickness: $\sim .14$ "/ ~ 3.5 m

norament® grano ed 🕏

Static-dissipative

Optimum ESD protection of electronic devices and equipment

8 Standard Colors

Article 1880

 $\square = ~39.45" \times 39.45" / ~1002 \text{ mm} \times 1002 \text{ mm}$

Thickness: ~.14"/~3.5 mm

norament® grano ed 🔀

Static-dissipative for raised-access floors Optimum ESD protection of electronic devices and equipment

2 Standard Colors

Article 1912

 $\square = ~24.6" \times 24.6" / ~625 \text{ mm} \times 625 \text{ mm}$

~.14"/~3.5 mm Thickness: $\sim .14$ "/ ~ 3.5 mm

norament® 992 grano □ Extremely wear resistant to ice blades, cleats and free weights

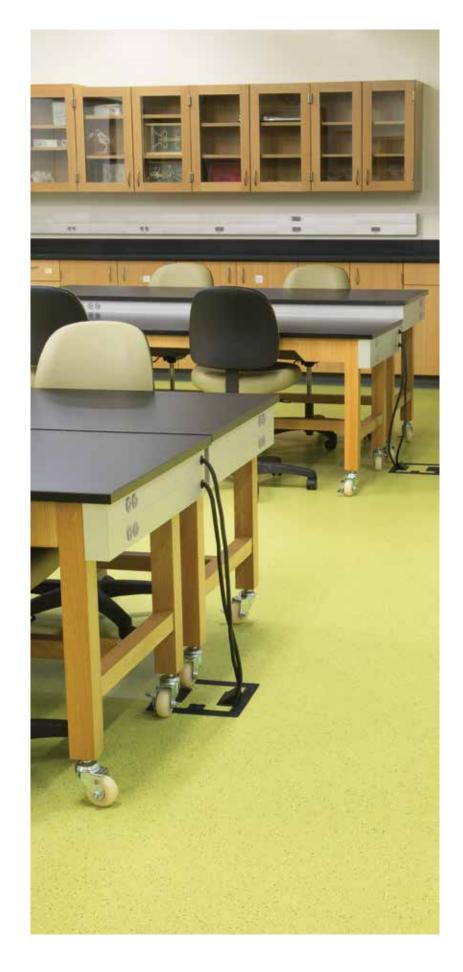
8 Standard Colors

Article 1955

 $\square = ~39.45" \times 39.45" / ~1002 \text{ mm} \times 1002 \text{ mm}$

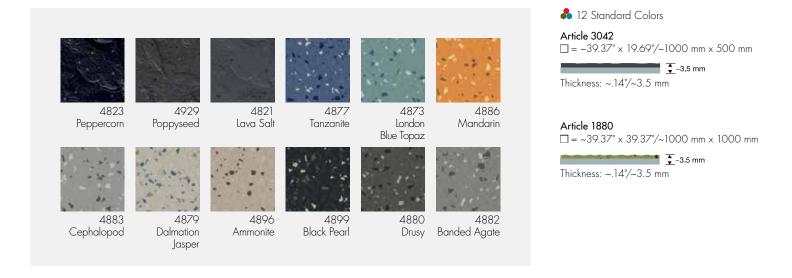
__~.12*/~3.0 mm ^ ~.36"/9.0 mm -.24"/~6.0 mm

Thickness: ~.36"/~9.0 mm



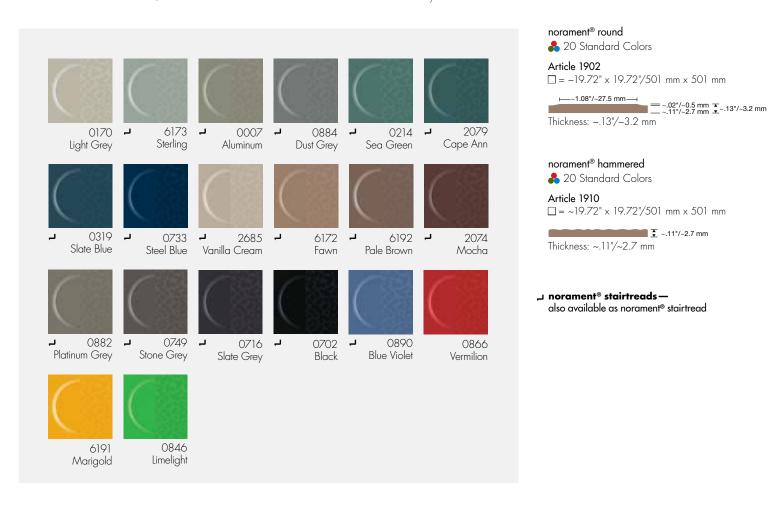
norament® ingresso

For raised-access floors, providing accessibility, flexibility and adaptability



norament® round & hammered

A solid-colored, round or hammered surface for heavy traffic areas



norament® satura

Durable performance with a flexible palette of neutrals and saturated accent colors



32 Standard Colors

Article 1880

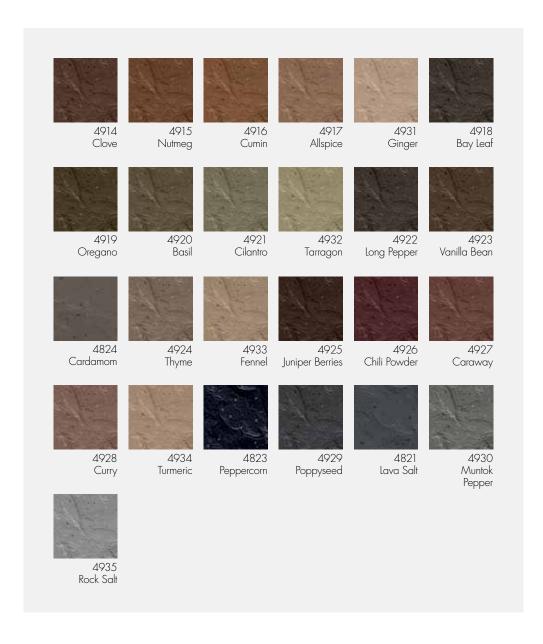
□ = ~39.53" × 39.53"/~1004 mm × 1004 mm $\frac{1}{2}$ ~.14"/~3.5 mm

Thickness: ~.14"/~3.5 mm

→ norament® stairtreads also available as norament® stairtread

norament® serra

A landscape design for extra-heavy traffic areas



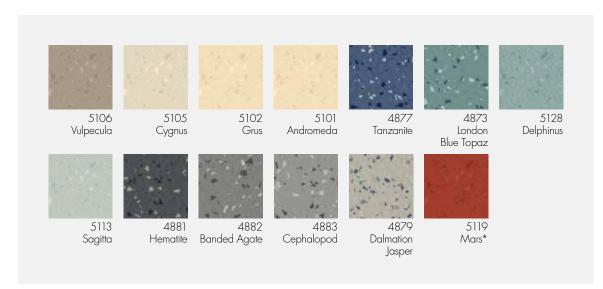
25 Standard Colors

Article 3016 \Box = ~39.53" x 19.76"/1004 mm x 502 mm

Thickness: $\sim .14$ "/ ~ 3.5 mm

norament® xp

Designed to handle the extreme rolling loads often found in hospitals and cGMP facilities



13 Standard Colors Article 1880 □ = ~39.45" × 39.45"/ 1002 mm × 1002 mm

Thickness: ~.14"/~3.5 mm

*Use to identify sterile or restricted areas.

norament® 920

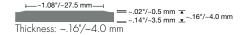
For special fire-protection requirements





Article 354

 $\square = ~39.6" \times 39.6" / ~1006 \text{ mm} \times 1006 \text{ mm}$



- Meets Class "A" per ASTM E84 Tunnel Test (flame spread rate less than 25 and smoke development less than 450).
- IMO/SOLAS approved.

ulso available as norament® stairtread

norament® 992

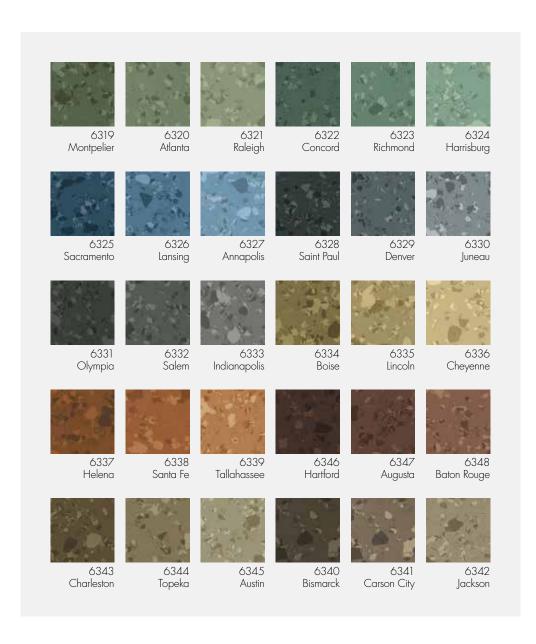
Extremely wear-resistant to ice blades, spikes, cleats and free weights





noraplan® degree

Subtle color value changes providing unlimited design possibilities



30 Standard Colors

Article 1532

 \bigcirc = ~39.37' x 48"/~12.0 m x 1.22 m

Article 2532

 $\Box = ~24" \times 24" / ~610 \text{ mm} \times 610 \text{ mm}$

₹ ~.12"/3.0 mm

Thickness: $\sim .12"/\sim 3.0 \text{ mm}$

| noraplan® eco

Two-tone randomly scattered color chip pattern

6151 Esplanade 6154 Swan Boat 6152 The USS 6153 Harvard Square 6156 Boston Harbor 6155 Aquarium 6157 6158 6159 6160 6161 6162 Museum of Science The Common Cape Cod North End Boston Marathon 6163 Freedom Trail 6164 Bunker Hill 6165 Beacon Hill 6166 Faneuil Hall

♣ 16 Standard Colors

Article 1490

 \bigcirc = ~49.2' x 48"/~15.0 m x 1.22 m

Article 2490

 $\Box = ~24" \times 24" / ~610 \text{ mm} \times 610 \text{ mm}$

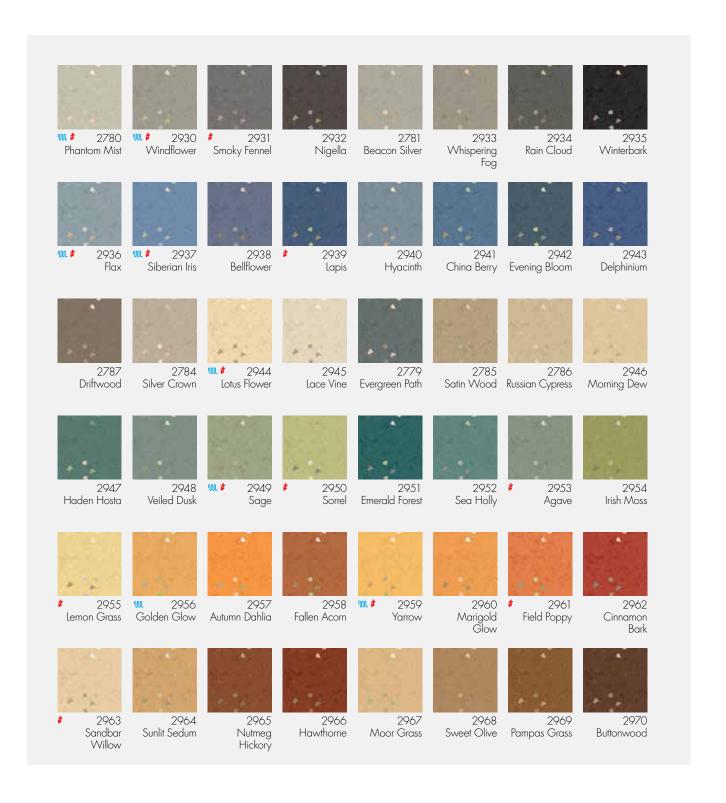
₹~.08"/~2.0 mm

Thickness: ~.08"/~2.0 mm



| noraplan environcare

A wide range of harmoniously soothing designer colors



noraplan environcare $^{^{\text{\tiny TM}}}$ 2.0 mm

48 Standard Colors

Article 1462

 \triangle = ~49.2' x 48"/~15.0 m x 1.22 m

Article 2462

 $\square = ~24" \times 24" / ~610 \text{ mm} \times 610 \text{ mm}$

₹ ~.08"/~2.0 mm

Thickness: ~.08"/~2.0 mm

noraplan environcare $^{\!{}^{\mathsf{TM}}}\! 3.0~\text{mm}$

48 Standard Colors

Article 2463

 $\square = ~24" \times 24"/~610 \text{ mm} \times 610 \text{ mm}$

-.12"/3.0 mm

Thickness: ~.12"/~3.0 mm

noraplan environcare™ ed 🕏

Static-dissipative

Optimum ESD protection of electronic devices and equipment

♣ 14 Standard Colors

Article 1390

 \bigcirc = ~49.2' x 48"/~15.0 m x 1.22 m

Article 2390

 $\Box = ~24" \times 24" / ~610 \text{ mm} \times 610 \text{ mm}$

₹ ~.08"/~2.0 mm

Thickness: ~.08"/~2.0 mm

noraplan environcare $^{\scriptscriptstyle{\mathsf{TM}}}$ acoustic \mathfrak{M}

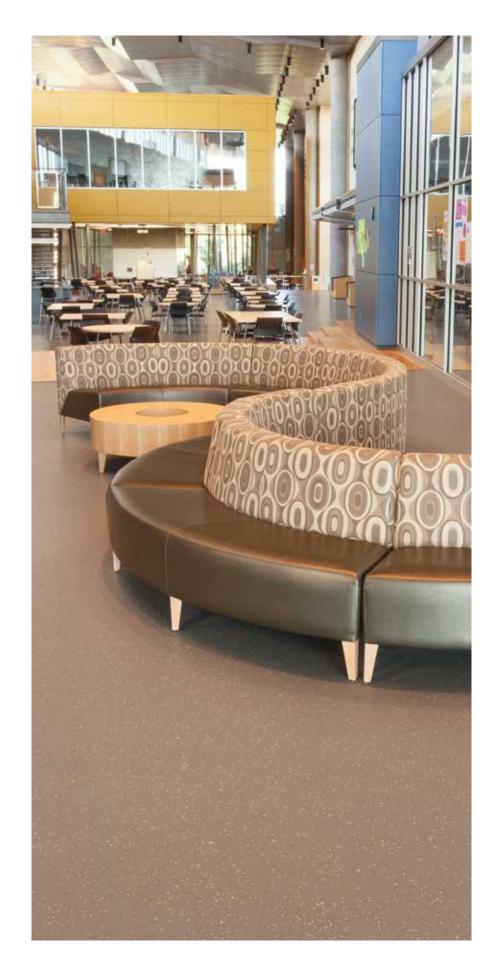
For underfoot comfort and high footfall sound absorption

8 Standard Colors

Article 1420

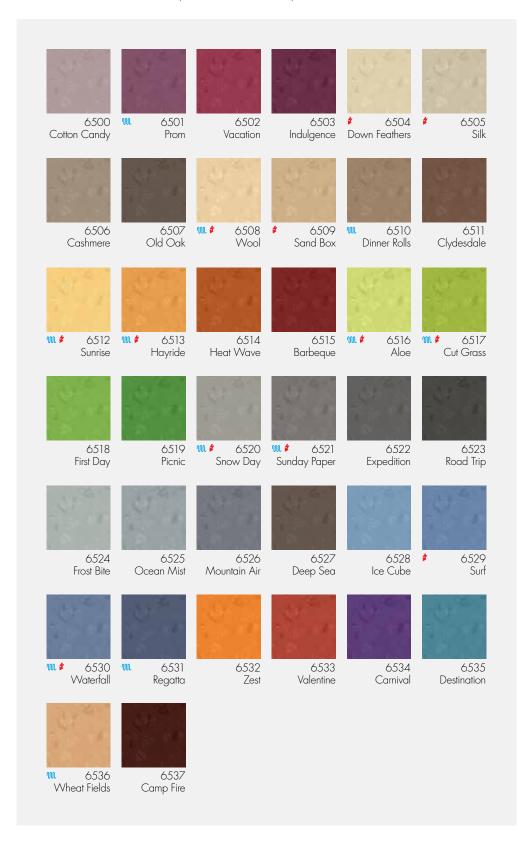
 \bigcirc = ~39.37'x 48"/~12.0 m x 1.22 m

Thickness: ~.16"/~4.0 mm



noraplan® sentica

The perfect complement to a healing environment and a harmonious complement to noraplan environcare $^{\text{TM}}$



noraplan® sentica 2.0 mm

38 Standard Colors

Article 1700

 \triangle = ~49.2' x 48"/~15.0 m x 1.22 m

Article 2700

 $\square = ~24" \times 24"/~610 \text{ mm} \times 610 \text{ mm}$

₹ ~.08"/~2.0 mm

Thickness: $\sim .08$ "/ ~ 2.0 mm

noraplan® sentica 3.0 mm

38 Standard Colors

Article 1701

 \bigcirc = ~39.37' x 48"/~12.0 m x 1.22 m

Article 2701

 $\Box = ~24" \times 24" / ~610 \text{ mm} \times 610 \text{ mm}$

₹ ~.12"/~3.0 mm

Thickness: ~.12"/~3.0 mm

noraplan® sentica ed 🕏

Static-dissipative

Optimum ESD protection of electronic devices and equipment

♣ 12 Standard Colors

Article 1702

 \bigcirc = ~49.2' x 48"/~15.0 m x 1.22 m

Article 2702

 $\Box = ~24" \times 24"/~610 \text{ mm} \times 610 \text{ mm}$

₹ ~.08"/~2.0 mm

Thickness: ~.08"/~2.0 mm

noraplan® sentica acoustic ₩

For underfoot comfort and high footfall sound absorption

12 Standard Colors

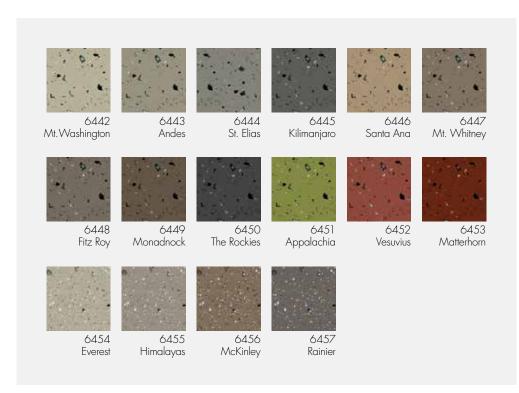
Article 1705

 \bigcirc = ~39.37' x 48"/~12.0 m x 1.22 m

Thickness: ~.16"/~4.0 mm

| noraplan® unita

Combines resilient rubber with randomly dispersed granite chips in two timeless design variations



16 Standard Colors

Article 1640

 \bigcirc = ~49.21' x 48"/~15.0 m x 1.22 m

Article 1650*

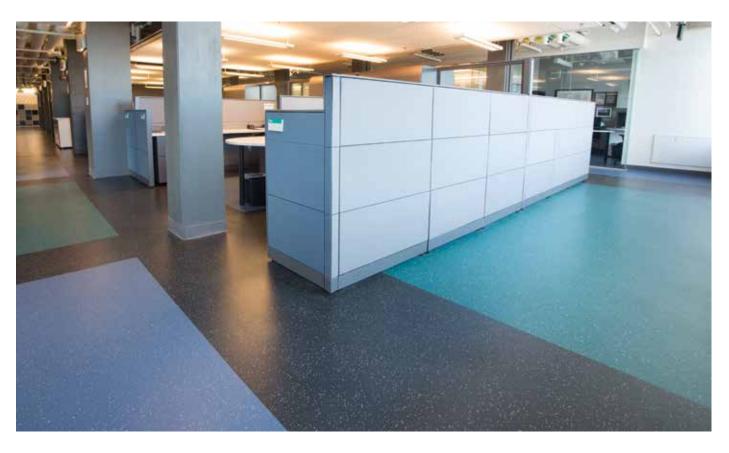
 \bigcirc = ~49.21' x 48"/~15.0 m x 1.22 m

▼ ~.08"/~2.0 mm

Thickness: ~.08"/~2.0 mm

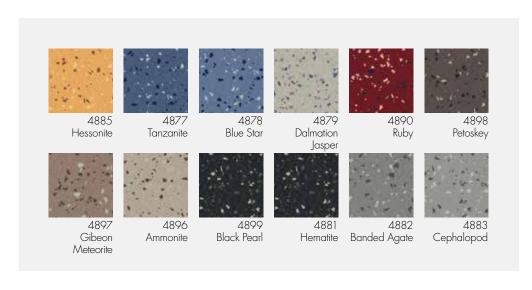
*Article 1650 is only available in colors 6454, 6455, 6456 and 6457.

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



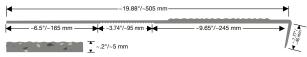
norament® grano stairtreads

A hammered surface with an exciting confetti design



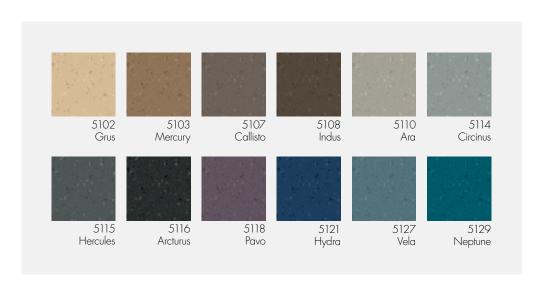


12 Standard Colors



norament® satura stairtreads

A hammered surface with a flexible palette of neutrals and saturated accent colors

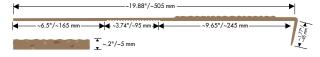




♣ 12 Standard Colors

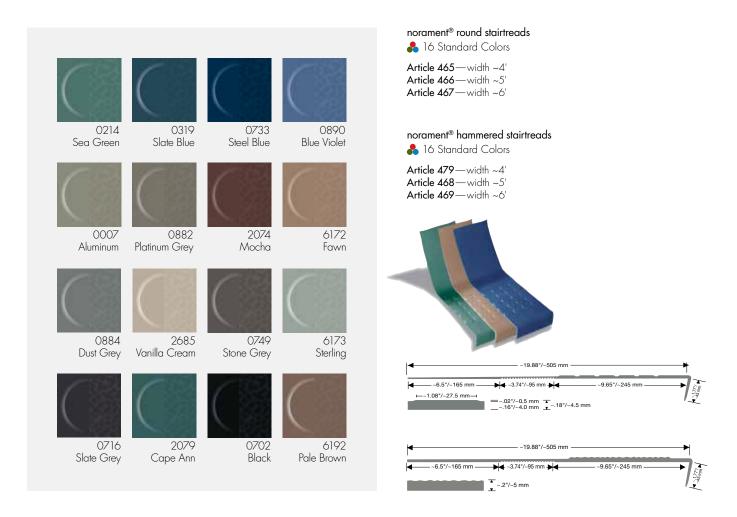
Article 479—width ~4'

Article 468—width ~5'



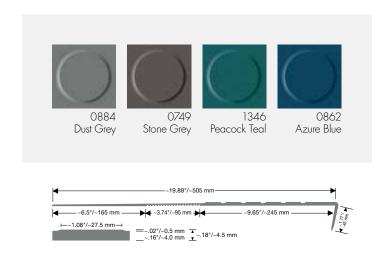
norament® round & hammered stairtreads

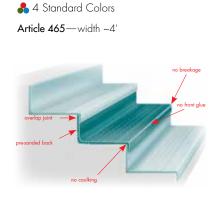
A classic round or hammered surface and solid color range



norament® 920 stairtreads (Class A fire-rated)

For special fire protection requirements





NOTE: Recommended for emergency exit stairways.

nora® stepfix

A revolutionary adhesive for norament® stairtread installations

Specifically developed for nora® stairtreads, nora® stepfix makes installing stairtreads quick and easily manageable.

An odorless adhesive solution, nora stepfix is free of solvents, formaldehyde and chlorine additives, and is also non-flammable and freeze-thaw stable. With nora stepfix, you

can easily dry-fit the tread right on the covered adhesive, and stairs can be walked on immediately following installation. No caulking or welding is necessary.

Dimension of rolls: 9.45" width $\times 164$ ' length/240 mm $\times 50$ m = 129 square feet (12 m²)

norament® stairtread accessories

norament® stairtread accessories are made from carefully selected raw materials, are impact and shock resistant and do not break or shrink

nora® stair nosings with a slide-in lip

♣ 8 Standard Colors

Article 805—T 5049 **Article 802**—T 5044 Piece Length: ~8.2'/~2.5 m

NOTE: Only nora floor coverings with a smooth or hammered surface should be used in connection with these stair nosings

~2.0"/~50 mm

0214	0884
0702	4877
0716	4885
0749	4890

T 5049 A/C

Floor covering thickness from .08"/2.0 mm to .11"/2.7 mm

T 5049 E/F

Floor covering thickness from .14"/3.5 mm to .16"/4.0 mm

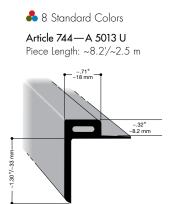
T 5044 A/C

Floor covering thickness from .08"/2.0 mm to .11"/2.7 mm

T 5044 E/F

Floor covering thickness from .14"/3.5 mm to .16"/4.0 mm

nora® banister trim for landings and ramps



0214	0884
0702	4877
0716	4885
0749	4890

nora® metal repair stair angle



Article 989 Piece Length: ~39.37"/~1.0 m Screws: middle of hole to middle of hole ~2.5"/~63.5 mm

nora® visually impaired strips

Textured striping for the visually impaired can be inserted into any one-piece nosing-tread-riser stairtread.

Smooth surface rubber striping can be inserted into any one-piece nosing-tread riser stairtread.

Piece Length: ~2"/50.8 mm



nora pro install[®] system

The nora pro install® system is a comprehensive system that provides you with the comfort, confidence and security you need to complete your flooring installation.

- Five-step system for installing nora flooring.
- Access to all essential flooring installation components.
- System warranty.

Step 1: nora® membrane

nora® membrane is a two-component epoxy formulated to go directly on top of properly prepared substrates such as concrete and cement-based terrazzo.

 Required when moisture levels are too high or if a permanently effective vapor retarder is not confirmed.

Step 2: nora® primer

nora® primer is a single component, water-based primer for commercial applications.

 To be used directly over the nora membrane when using nora[®] leveler or nora[®] patch and as required, over other suitable substrates.

Step 3: nora® leveler

Smooth out your subfloor and ensure proper subfloor preparation with nora leveler.

- Cement-based, high-compressive strength, floor leveling compound.
- Used to repair, smooth, level and clean concrete as well as existing ceramic, terrazzo and approved subfloors.



Step 4: nora® patch

Install your flooring quickly with the help of nora patch. nora patch is a fast-setting, latex-fortified, cement-based patch for use prior to the installation of nora flooring only.

- May be used to skim coat or feather-edge up to one inch deep in specific applications.
- Priming is required before using nora patch over nora membrane, or other suitable non-porous substrates.

Step 5: nora® adhesive

nora® adhesives for nora flooring enable your nora flooring to endure daily stresses and extreme situations.

 The variety of adhesives available helps meet the different needs and requirements of your project.

nora pro clean® system

Three pads. One scrubber. A little water. That's all you need to maintain your nora flooring. From daily cleaning to restoration of a neglected space, the nora pro clean® system changes everything you thought you knew about flooring maintenance.

This exclusive three pad system addresses all your nora floor care needs, while eliminating the need to use harsh cleaning detergents and field-applied coatings. Pad 1 tackles daily maintenance and initial cleaning. Pad 2 makes terminal cleans and periodic scrubbing a breeze and Pad 3 is there to take care of your toughest cleaning challenges.



nora® wall base

The final touch to complete your flooring design

nora® wall base provides superb flexibility, no color drifts, a ribbed backing and reinforced cove for extraordinary durability. nora wall base can also be custom color matched.

♣ 70 Standard Colors

Article 820 Delivery unit: rolls of 120'



6267	6203	6233	6245	6248
6232	6229	6294	6279	6223
6206	6212	6230	6247	6270
6246	6209	6292	6280	6260
6226	6208	6234	6257	6250
6236	6211	6237	6241	6242
6205	6221	6269	6225	6240
6286	6219	6231	6224	6263
6266	6210	6217	6222	6214
6202	6249	6215	6227	6243
6235	6274	6289	6283	6290
6201	6297	6238	6220	6239
6256	6298	6216	6251	6254
6213	6204	6293	6259	6264



nora® cove stick

Optimum transition between the noraplan® floor coverings and the wall



Article 7731 —H 9010 Piece Length: ~32.8'/~10.0 m



| nora® sanitary base

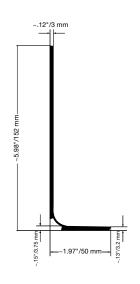
Suitable for areas with stringent hygienic requirements

♣ 14 Standard Colors

Article 817—S 3019 D Piece Length: ~32.8'/~10.0 m

*Conforms to ASTM-F-1861 standard specification for resilient wall base.

4877	6505
2780	6509
2930	6508
2944	6506
2949	6528
2953	6536
2963	6504



I nora® heat welding rod

Matching heat weld available for all noraplan® colors



noraplan® floors do not need to be welded, with the exception of noraplan® acoustic, which does require welding due to its resilient structure.

nora® heat welding is recommended when the nora® flooring has been installed in rooms with continual and intensive wet cleaning, in areas with stringent requirements for hygiene or other special requirements such as operating rooms and laboratories. ♣ Colors to match all noraplan® flooring

Article 946

Round, approx. .16"/4.0 mm Rolls of ~328 linear feet/~100 linear meters Weight per roll ~3.0 lbs/~1.3 kilograms

nora® cold weld



It is advisable to seal joints in case of moisture-sensitive subfloors, in rooms permanently undergoing intensive wet cleaning, or in areas with special hygienic requirements. For these special requirements, the sealing of all norament® and noraplan floorings is suitable, with the exception of norament® 992 and norament® 992 grano.

1-PART

🔥 Color range

Article 928 ~450 grams/~1 lb Sufficient for 15-18 linear meters/ ~50-60 linear feet

0007/0007	2226/2226	2936/2936	2958/2147	4880/0749	5111/5111	6156/1585	6338/6338	6452/6452	6516/6516
0131/0131	2633/2633	2937/2937	2959/2959	4881/4881	5112/5112	6162/1581	6339/6339	6453/6385	6517/6517
0702/0702	2666/2666	2938/2938	2960/2960	4882/1253	5113/5113	6172/2681	6340/6340	6454/6442	6518/6518
0716/0716	2668/2668	2939/4877	2961/2961	4883/2930	5114/5114	6319/6319	6341/6341	6455/6443	6519/6519
0733/0733	2669/2669	2940/2940	2962/2962	4884/4884	5115/5115	6320/6320	6342/6342	6456/0131	6520/6520
0749/0749	2680/2680	2941/2941	2963/2633	4885/2956	5116/5116	6321/6321	6343/6343	6457/6457	6521/0882
0866/0866	2681/2681	2942/2142	2964/2964	4889/2962	5117/5117	6322/6322	6344/6344	6500/6500	6522/2226
0882/0882	2752/2752	2943/2752	2965/2965	4896/2680	5118/5118	6323/6323	6345/6345	6501/6501	6523/6523
0884/0884	2779/2779	2944/2944	2966/2966	4897/2681	5119/5119	6324/6324	6346/6346	6502/6502	6524/6524
1253/1253	2780/2780	2945/2897	2967/2967	4899/0716	5120/5120	6325/6325	6347/6347	6503/6503	6525/6525
1254/1254	2781/2781	2946/2946	2968/2968	4924/0131	5121/5121	6326/6326	6348/6348	6504/6504	6526/2666
1279/1279	2784/2784	2947/2947	2969/2969	4929/0716	5122/5122	6327/6327	6385/6385	6505/6505	6527/6527
1385/1385	2785/2785	2948/2948	2970/4654	5101/5101	5123/6513	6328/6328	6442/6442	6506/6506	6528/6528
1413/1413	2786/2786	2949/2949	4654/4654	5102/2786	5124/5124	6329/6329	6443/6443	6507/6507	6529/6529
1578/1578	2787/2787	2950/2950	4823/0702	5103/5103	5125/5125	6330/6330	6444/6444	6508/6508	6530/6530
1579/1579	2897/2897	2951/2951	4870/2954	5104/5104	5126/5126	6331/6523	6445/0749	6509/6509	6531/4877
1581/1581	2930/2930	2952/4873	4871/4871	5105/5105	5127/5127	6332/6332	6446/6446	6510/6510	6532/6532
1582/1582	2931/2931	2953/2953	4873/4873	5106/5106	5128/5128	6333/6333	6447/0131	6511/6511	6533/2962
1585/1585	2932/2932	2954/2954	4874/4874	5107/5107	5129/5129	6334/6334	6448/6448	6512/6512	6534/6534
1780/1780	2933/2933	2955/2955	4877/4877	5108/5108	5130/6535	6335/6335	6449/6449	6513/6513	6535/6535
2142/2142	2934/2934	2956/2956	4878/1780	5109/5109	5131/5131	6336/6336	6450/0716	6514/6514	6536/6536
2147/2147	2935/0716	2957/2957	4879/1254	5110/5110	5132/5132	6337/6337	6451/6451	6515/6515	6537/6537

I nora® wet adhesives

nora® 385 adhesive

A solvent-free, two-component polyurethane adhesive available in 1-gallon or 2-gallon pails.

- Freeze/thaw stable (5 cycles) at O°F per ASTM D 7149
 Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable for 2.7 mm-9.0 mm nora products using a 1/32" x 1/16" x 1/32" U-notched trowel.
- Spread rate of 170-190 square feet per gallon.

nora® 485 adhesive

A solvent-free, easy-to-use water-based acrylic adhesive available in 4-gallon pails.

- Freeze/thaw stable (5 cycles) at 0°F per ASTM D 7149
 Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable with 2.0 mm-4.0 mm nora products using a 1/16" x 1/16" x 1/16" V-notched trowel.
- A hard-set adhesive that is only used over porous subfloors.
- Spread rate of 160-180 square feet per gallon.

nora® 585 adhesive

A solvent-free, two-component, conductive, polyurethane adhesive, available in 1-gallon units.

- Freeze/thaw stable (5 cycles) of O°F per ASTM D 7149
 Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable for 2.7 mm-9.0 mm nora ed products using a 1/32" x 1/16" x 1/32" U-notched trowel.
- Spread rate of 170-190 square feet per gallon.

nora® 685 adhesive

A solvent-free, water-based, conductive acrylic adhesive, available in 4-gallon pails.

- Freeze/thaw stable (5 cycles) of O°F per ASTM D 7149
 Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable with 2.0 mm-4.0 mm nora products using a 1/16" x 1/16" x 1/16" V-notched trowel.
- A hard-set adhesive that is only used over porous subfloors.
- Spread rate of 160-180 square feet per gallon.

Speak with your nora® Account Representative before selecting your adhesive to confirm the suitability for your project. Please refer to the nora® Installation Guide for proper installation methods of all nora products.

nora® dry adhesives

nora® dryfix

nora® dryfix tape provides you with a safe, healthy, cost- and time-effective alternative to conventional flooring adhesives. There is no mixing or adhesive clean up necessary and it allows for immediate traffic upon completion of installation.

- No downtime
- No closing of area
- No necessary open time required
- Can be walked on immediately
- Odorless
- Free of solvents, formaldehyde and chlorine additives
- Meets SCAQMD Rule 1168

Each roll of nora dryfix package covers approximately 269 square feet. Delivery unit: each roll ~39.37" x 82'.

nora® basefix

nora® basefix tape is supplied in rolls for interior installations of specific nora® products. nora basefix provides the following benefits:

- Odorless
- No solvents or chlorine additives
- Non-flammable
- Freeze/thaw stable
- Easy installation
- No waste
- Meets SCAQMD Rule 1168

basefix® 145 5.7" wide \times 164' long (145.0 mm \times 50.0 m) basefix® 90 3.5" wide \times 164' long (90.0 mm \times 50.0 m) basefix® 50 2" wide \times 164' long (50.0 mm \times 50.0 m)

limited wear warranty

product warranty: nora systems, Inc. ("nora"), warrants its nora,® norament,® and noraplan® rubber flooring, norament® rubber stairtreads, (except for the safety grit strip), accessories and adhesives, ("products") to be free of defects in material or workmanship, for one year from the date of purchase from nora. In addition, nora warrants against excessive wear of the listed products as set forth below, and nora warrants the conductivity of its Electro Static Dissipative, ("ESD") flooring system (flooring and adhesive) as set forth below.

EXCEPT FOR THE LIMITED WARRANTIES SET FORTH HEREIN, nora EXTENDS NO OTHER WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR EXACT MATCHING OF SHADE, COLOR OR MOTTLING. nora HEREBY DISCLAIMS ANY OTHER WARRANTY OR GUARANTEE UNLESS EXPRESSLY AUTHORIZED AND ENDORSED IN WRITING AS SET FORTH BELOW.

No agent, employee or representative of nora is authorized to make any warranty or guarantee concerning the products. Any alteration, amendment or waiver of this Limited Warranty must be in writing and signed by an officer of nora.

excessive wear warranty: nora warrants the following products will not wear in excess of the following measurements which shall be prorated from the date of purchase:

norament® products <.0025" wear per year noraplan® products <.0035" wear per year norament® stairtreads <.0025" wear per year

conductivity warranty: nora warrants the following ESD flooring system products, installed with nora's conductive adhesive (acrylic or PU), when tested according to the test procedures of ESD S7.1-94 and ASTM-F-150 under >30% relative humidity at room temperature will measure between:

norament® grano ed 10° − < 10° OHMS noraplan environcare™ ed 10° − < 10° OHMS noraplan® sentica ed 10° − < 10° OHMS Warranty for other conditions supplied upon request.

notice of claims: To make a claim under any warranty the buyer or end user must provide written notice to nora at 9 Northeastern Blvd., Salem, NH 03079, within thirty (30) days of discovery of any alleged defect of the product. nora must be given the opportunity to inspect and examine the product.

limitation of liability: nora shall not be directly or indirectly liable for any losses, claims or damages regarding any products that have not been installed and maintained according to nora's installation and maintenance guides, that were damaged by a third party, that were installed over an improper subsurface or improperly prepared subfloor, that were improperly repaired, or that were affected by any other mechanical influences including stilettos. Office chairs/furniture wheels shall be type W according to EN 12529. Excluded from this warranty – "fading or discoloration from prolonged, excessive exposure to sunlight or heat." nora shall not be liable for any losses, claims, or damages in excess of the cost of the products invoiced by nora. nora shall not be liable for any incidental, consequential, enhanced or punitive damages. nora reserves the

right to replace at no cost that portion of the products that are alleged to be defective but excluding all costs of transportation and installation. nora's maximum liability whether in tort, contract, or otherwise shall be the cost of the products invoiced by nora.

This limited warranty and the installation and maintenance guides are subject to change. Please contact nora for the latest versions. For additional information regarding usage in recommended applications, please refer to www.nora.com/us or call 1-800-332-NORA. Warranty periods commence on the date of purchase of the product by the buyer or end user, whichever is first.

governing law; venue: The rights and obligations of the parties hereto and the interpretation, construction and effect of any provision hereof or any contract formed pursuant hereto shall be governed by and construed in accordance with the laws of the state of New Hampshire, without reference to its conflict of law rules.

Supersedes all previous information. Effective January 2014.

			ve wear ranty	conductivity warranty
		5 years	10 years	10 years
nora® wall base/ sanitary base	commercial traffic	Х		
norament® grano/ ingresso/satura/serra	extra heavy traffic		Х	
norament® grano ed	commercial traffic		Х	Х
norament® round & hammered	commercial traffic		Х	
norament® stairtreads	heavy traffic		Х	
norament® xp	extra heavy traffic		Х	
norament® 920	special application		Х	
norament® 920 stairtreads	special application		Х	
norament® 992/ 992 grano	special application	Х		
noraplan® degree/ eco/environcare™/ environcare™ acoustic/ sentica/ sentica acoustic/unita	commercial traffic	Х		
noraplan environcare™ ed/sentica ed	commercial traffic	Х		Х

nora pro install® system limited warranty

warranty coverage: nora systems, Inc., warrants the nora pro install® system for a period of 10 (ten) years from the date of purchase by the buyer and or end user, whichever is first, and when the nora® membrane and other required nora pro install products are used as the sole products between the subfloor, and nora's adhesive and nora rubber flooring, provided all preparation, installation and usage directions are followed. In addition, registration for the 10 year nora pro install system warranty is required in writing. Registration must be sent to: nora systems, Inc., 9 Northeastern Blvd., Salem, NH 03079.

nora systems, Inc., will warrant nora® primer, nora® patch and nora® leveler when used without nora membrane, as sole products between the subfloor, and nora's adhesive and nora rubber flooring, provided all preparation, installation and usage directions are followed for the same warranty period provided for the nora flooring installed as set forth in the product limited warranty.

nora will repair or replace defective areas of the nora floor covering system applied over the nora pro install products if any of the pro install products fail. nora will also pay the reasonable labor and material costs to remove, repair or replace the defective areas of the nora floor covering, provided the buyer or end user complies with the terms of this limited warranty. pro install systems must be applied in strict accordance with nora's written installation guide. Please contact nora systems, Inc. for latest version or go to www.nora.com/us, as the installation guide is subject to change.

EXCEPT FOR THE LIMITED WARRANTIES SET FORTH HEREIN, nora EXTENDS NO OTHER WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR EXACT MATCHING OF SHADE, COLOR OR MOTTLING. NORA HEREBY DISCLAIMS ANY OTHER WARRANTY OR GUARANTEE UNLESS EXPRESSLY AUTHORIZED AND ENDORSED IN WRITING AS SET FORTH BELOW.

No agent, employee or representative of nora is authorized to make any warranty or guarantee concerning the Products. Any alteration, amendment or waiver of this pro install system limited warranty must be in writing and signed by an officer of nora.

exclusions from the warranty coverage: nora hereby disclaims any warranty coverage arising from the following; structural failure, inadequate subfloor, or improper subfloor preparation; the use of any other manufacturers adhesive as pH, thermal dimensional stability, peel strength and a resistance to indenting or displacement is required but often not tested and is excluded from their warranty; damages caused by

Acts of God, including, but not limited to hurricane, flooding, earthquake or other types of natural disaster, or as a result of unforeseen circumstances; acts of negligence, or product misuse or abuse, damaged by a third party; failure to comply with our installation guide and any other written instructions, applicable building codes and regulations, and standard industry practices; variations of color, shade or texture from those shown on samples, product packaging or any other marketing materials; changes in color due to exposure to sunlight and age; subfloor moisture or water damage; normal wear and tear resulting from usage; efflorescence and shading inherent in all cementitious products; and cracking due to structural movement after application, excessive deflection or any other failure of the substrate.

notice of claims: To make a claim under any warranty, the buyer or end user must provide written notice to nora systems, Inc., at 9 Northeastern Blvd., Salem, NH 03079, within 30 days of discovery of any alleged defect of the product. nora must be given the opportunity to inspect and examine the product prior to buyer or end user repairing or replacing the defective product.

limitation of liability; indemnity: nora shall not be directly or indirectly liable for any other losses, claims or damages in excess of the cost of the products invoiced by nora and reasonable labor costs. nora shall not be liable for any consequential, incidental, enhanced or punitive damages whatsoever, whether arising out of breach of contract, warranty, tort, (including negligence and strict liability) or other theories of law with respect to goods and/or services sold by nora or any undertakings, acts, or omissions relating thereto, and nora hereby disclaims all such damages. Buyer shall indemnify nora against any and all losses, liabilities, damages and expenses (including, without limitation, attorneys' fees and other costs of defense) which nora may incur as a result of any claim by buyer or others arising out of or in connection with the goods and/or services sold hereunder and based on product or service defects not proven to have been caused solely by nora's negligence.

governing law; venue: The rights and obligations of the parties hereto and the interpretation, construction and effect of any provision hereof or any contract formed pursuant hereto shall be governed by and construed in accordance with the laws of the state of New Hampshire, without reference to it's conflict of law rules.

Supersedes all previous information. Effective January 2014.

norament®

												stairtreads	
Product	grano	grano ed	ingresso	round & hammered	satura	serra	хр	920	992	992 grano	grano / satura	round & hammered	920
Limited Wear Warranty (in years)	10	10	10	10	10	10	10	10	5	5	10	10	10
10-year nora pro install [®] system warranty*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conductivity Warranty (in years)	_	10	_	_	_	-	-	_	_	_	_	_	_
ASTM F1344 (tiles) Classification	Type IB Grade 2	Type IB Grade 2	Type IIB Grade 2	Type IA Grade 1	Type IB Grade 2	Type IB Grade 2	Type IB Grade 1	Type IA Grade 1	Type IIA Grade 2	Type IIB Grade 2	-	_	-
ASTM F2169 Classification	-	_	_	-	-	-	-	_	_	-	Type TS Class 2 Group 1 or 2 Grade 2	Type TS Class 2 Group 1 or 2 Grade 1	Type TS Class 2 Group 1 or 2 Grade 1
Critical Radiant Flux ASTM E648 (min ≥0.45)	Class 1 1.0	Class 1 0.55	Class 1 1.04	Class 1 0.8 (round) 0.87 (hammered)	Class 1 1.0	Class 1 1.1	Class 1 0.71	Class 1 0.94	Class 1 0.56	Class 1 0.56	Class 1 1.0	Class 1 1.1 (round) 1.1 (hammered)	Class 1 0.94
Smoke Density ASTM E662 (both < 450) flaming/non-flaming	334/168	325/259	240/181	413/367 (round) 162/208 (hammered)	334/168	380/230	423/290	272/167	289/373	289/373	168/334	380/230 (round) 380/230 (hammered)	272/167
Tunnel Test ASTM E84	***	***	***	***	***	***	***	Class A (flame 15/ smoke 300)	***	***	***	***	Class A (flame 15/ smoke 300)
Static Coefficient of Friction ASTM D2047 (dry/wet)	0.99/0.95	1.0/0.9	0.95/0.92 (landscape) 0.85/0.92 (hammered)	0.76/0.85 (round) 0.9/1.0 (hammered)	0.99/0.95	0.81/0.87	0.9/1.0	0.85/0.76	0.85/0.85	0.85/0.85	0.99/0.95	0.85/0.76 (round) 0.99/0.95 (hammered)	0.85/0.76
Suitable for Ramps	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	_	_	_
Abrasion ASTM D3389 H-18 wheel 1.1 lbs. load and 1000 cycles (< 0.035 oz. required)	0.002	0.004	0.007	0.005 (round) 0.006 (hammered)	0.002	0.008	0.005	0.007	0.005	0.005	0.002	0.005 (round) 0.006 (hammered)	0.007
Shore Hardness Type A ASTM D2240	82	84	85	89	82	82	89	91	77	77	82	82	91
Rolling Load Limit (lbs/psi) (1)	850	850	Caster chair	550	850	850	850	850	850	850	_	_	_
Forklift Traffic	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	_	_	_
Static Load Limit (Residual Compression) ASTM F970 with 800 lbs/psi	0.005	0.004	0.002	0.004 (round) 0.005 (hammered)	0.005	0.004	0.002	0.005	0.004	0.004	0.005	0.005 (round) 0.005 (hammered)	0.005
Heat Resistance ASTM F1514, Require Avg. ∆E ≤8.0		←				Easily achie	ved with regu	lar maintenance	n. —				→
Sound Absorption E2179 (AllC only)	ΔIIC 11	***	***	***	ΔIIC 11	***	ΔIIC 15	***	***	***	***	***	***
Sound Absorption ISO 140 (\(\triangle \text{Lw only} \)	ΔLw 11dB	ΔLw 15dB	ΔLw 8 dB	ΔLw 12 dB (round) ΔLw 9 dB (hammered)	ΔLw 11 dB	***	***	ΔLw 13 dB	ΔLw 17 dB	ΔLw 17 dB	***	***	***
Oil and Grease Resistance	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No	Yes	No	No
Chemical Resistance		•					Call for speci	ifics.					
Static Generation ANSI ESD \$97.2**	_	< 20 volts	_	_	_	_	_	_	_	_	_	_	_
Static Generation AATCC 134 (20% RH)	<2000 volts	<2000 volts	<2000 volts	<2000 volts	<2000 volts	<2000 volts	< 2000 volts	<2000 volts	<2000 volts	<2000 volts	<2000 volts	<2000 volts	<2000 volts
Decay Time FTM 101 C 4046	_	<0.25 (sec)	_	-	-	_	-	_	_	_	_	-	_
ESD ASTM F150 (ohms)	_	10 ⁶ < 10 ⁹	_	_	_	_	_	-	_	_	-	-	-
Bacteria Resistance ASTM E2180 and ASTM G21	Yes	Yes	Yes	Yes	Yes	Yes	***	Yes	Yes	Yes	Yes	Yes	Yes
GREENGUARD Certified for Low VOC Emissions	Yes	***	***	Yes	Yes	Yes	***	Yes	***	***	Yes	Yes	Yes
GREENGUARD Gold Certified for Low VOC Emissions	Yes	***	***	Yes	Yes	Yes	***	Yes	***	***	Yes	Yes	Yes
CA 01350 Compliant	Yes	***	***	Yes	Yes	Yes	***	Yes	***	***	Yes	Yes	Yes

¹⁾ No metal or hard plastic wheels. The shape of the contact surface of wheels must be flat with round edges. The shore hardness shall be ≤ 90 type A.

NOTE: Exact values may vary due to the test methods and tolerance between batches. The ASTM minimum requirement shall be achieved or exceeded.

^{*}Registration for 10-year nora pro install® system warranty required.

^{**}Tested with conductive shoes.

^{***}Not tested.

| noraplan®

_	_			_	environcare acoustic/sentica	environcare ed/	_
Product	degree	eco	environcare	sentica	acoustic	sentica ed	unita
Limited Wear Warranty (in years)	5	5	5	5	5	5	5
10-year nora pro install® system warranty*	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conductivity Warranty (in years)	_	_	_	_	-	10	_
ASTM F1344 (tiles) Classification	Type I Grade 1	Type I Grade 1	Type I Grade 1	Type I Grade 1	_	Type I Grade 1	_
ASTM F1859 (rolls) Classification	Туре І	Туре І	Туре І	Туре І	_	Туре І	Туре І
ASTM F1860 (rolls with backing) Classification	-	_	_	_	Type I Grade 2	_	_
Critical Radiant Flux ASTM E648 (min ≥0.45)	Class 1 1.03	Class 1 0.97	Class 1 1.03 (3mm) 0.97 (2mm)	Class 1 1.03 (3mm) 0.97 (2mm)	Class 1 1.0	Class 1 0.59	Class 1 0.98
Smoke Density ASTM E662 (both <450) flaming/non-flaming	376/256	196/207	376/256 (3mm) 196/207 (2mm)	376/256 (3mm) 196/207 (2mm)	299/153	185/211	210/161
Static Coefficient of Friction ASTM D2047 (dry/wet)	0.99/0.88	0.96/0.85	0.99/0.88 (3mm) 0.96/0.85 (2mm)	0.99/0.88 (3mm) 0.96/0.85 (2mm)	1.0/0.9	0.92/0.89	0.98/0.94
Suitable for Ramps	No	No	No	No	No	No	No
Abrasion ASTM D3389 H-18 wheel 1.1 lbs. load and 1000 cycles (< 0.035 oz. required)	0.003	0.008	0.003 (3mm) 0.008 (2mm)	0.003 (3mm) 0.008 (2mm)	0.007	0.002	0.007
Shore Hardness Type A ASTM D2240	92	92	92	92	92	92	92
Rolling Load Limit (lbs/psi) (1)	550	450	550 (3mm) 450 (2mm)	550 (3mm) 450 (2mm)	450	450	450
Forklift Traffic	No	No	No	No	No	No	No
Static Load Limit (Residual Compression) ASTM F970 with 800 lbs/psi	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Heat Resistance ASTM F1514, Require Avg. ∆E ≤8.0				- 1 · 1 · 1 · · ·	,		
Light Resistance ASTM F1515, Require Avg. ∆E ≤8.0	,		Easily	achieved with regular mainte	enance.		
Sound Absorption E2179 (AllC only)	ΔIIC 14	ΔIIC 11	ΔIIC 14 (3mm) ΔIIC 11 (2mm)	ΔIIC 14 (3mm) ΔIIC 11 (2mm)	AIIC 21	***	ΔΙΙС 11
Sound Absorption ISO 140 (\(\text{Lw only} \)	ΔLw 10 dB	ΔLw 8 dB	ΔLw 10 dB (3mm) ΔLw 8 dB (2mm)	ΔLw 10 dB (3mm) ΔLw 8 dB (2mm)	ALw 18 dB	ALW 6 dB	ΔLw 9 dB
Sound Generation	20.9 Sones	***	20.9 Sones (3mm) *** (2mm)	20.9 Sones (3mm) *** (2mm)	14.8 Sones	***	***
Oil and Grease Resistance	No	No	No	No	No	Yes	No
Chemical Resistance	+			— Call for specifics. —			→
Static Generation ANSI ESD S97.2**	_	_	_	_	_	<20 volts	_
Static Generation AATCC 134 (20% RH)	<2000 volts	<2000 volts	<2000 volts	<2000 volts	< 2000 volts	<2000 volts	<2000 volts
Decay Time FTM 101 C 4046	-	_	-	_	-	< 0.25 (sec)	_
ESD ASTM F150 (ohms)	_	_	_	_	_	10 ⁶ < 10 ⁹	_
Bacteria Resistance ASTM E2180 and ASTM G21	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GREENGUARD Certified for Low VOC Emissions	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GREENGUARD Gold Certified for Low VOC Emissions	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CA 01350 Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes

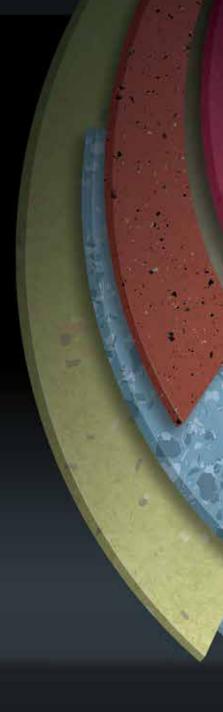
⁽¹⁾ No metal or hard plastic wheels. The shape of the contact surface of wheels must be flat with round edges. The shore hardness shall be \leq 90 type A.

NOTE: Exact values may vary due to the test methods and tolerance between batches. The ASTM minimum requirement shall be achieved or exceeded.

^{*}Registration for 10-year nora pro install® system warranty required.

^{**}Tested with conductive shoes.

^{***}Not tested.



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nora systems, Inc.

9 Northeastern Blvd Salem, NH 03079 Toll-free: 800-332-NORA

Phone: (603) 894-1021
Fax: (603) 894-6615
E-mail: info-us@nora.com
www.nora.com/us

Please note:

norament® and **noraplan®** have been developed for indoor installation. **nora®** floor coverings are not recommended for installation in outdoor applications, commercial kitchens or in particularly wet areas such as showers, swimming pools, etc. 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 nora systems, Inc. for advice. We would be pleased to supply you with flooring samples upon request to enable you to carry out in-house tests or to supply specific test results.