

# RUBBER FLOOR COVERINGS AND ACCESSORIES 2018

nora®

# MORE THAN A SURFACE.

Imagine an environment that's more comfortable, safe and quiet with every step.

That's an idea worth hearing. In fact, we build our products around it. For decades, we've been listening to your needs and responding with sustainable rubber flooring that makes sense for your facility.

Noise absorbing, ergonomic and stain and slip resistant, nora® premium rubber flooring goes beyond your basic requirements. Safety. Comfort. Ease of maintenance – no coatings required. Style. Who says you have to sacrifice one for the other? With more than 300 colors and styles available, we merge function and aesthetic appeal to meet the important demands of your facility.

Our flooring is more than a surface. It's a statement – and a solution.



Parkland Memorial Hospital, Dallas, TX





Niagara University - Golisano Center for Integrated Sciences, Lewiston, NY

Blue Valley School District, Overland Park, KS

# TWO PRODUCT LINES — ENDLESS POSSIBILITIES.

#### norament®

A classic among rubber flooring products, norament® represents premium quality and ultra-functionality. Robust norament tiles have a highly dense and non-porous surface, making them exceptionally durable. Because of its ability to withstand the pressures of heavy traffic, norament flooring will show little to no signs of wear or loss in appearance, even after decades of use. norament is recommended for areas subject to high traffic and intense strain.

### noraplan®

The noraplan® system offers enhanced acoustic, ergonomic, slip and stain resistant qualities, making it the ideal choice for an array of application areas. With unlimited design options and a coordinated range of accessories, noraplan is available in tiles or sheets. From patient rooms to classrooms, your important spaces are safely supported for decades to come.

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25 Items in the nora® QuickShip program are available with a 3-4 week lead time. For higher quantities please check with your local nora® Sales Representative. Standard freights apply.

# flooring selector

Choose the flooring solutions to meet your needs.

	norament® tiles							
	arago	grano/ satura	grano ed	round & hammered	хр	xp trac	920	992/ 992 grano
HEALTHCARE								
Cafeteria/ Visitor Area/ Staff Area	Α	Best	_	A 1	Best	_	_	_
Corridors (excluding first floor)	Α	Best	_	Α	Best	_	_	_
Dialysis	_	Best	_	_	Best	_	_	_
Emergency Departments	_	Α	_	_	Best	_	_	_
Entrance Areas	Α	Α	_	Α	Best	Α	_	_
Exam Rooms	_	Α	_	A 1	Best	_	_	_
First Floor Corridors	Α	Best	_	A 1	Best	_	_	_
Imaging Suites/ MRI/ Radiology	_	Best	Best ■	A 1	Best	_	_	_
ICU/ PICU	_	Best	_	A 1	Best	_	_	_
Laboratory/ Pharmacy	_	Best	_	A 1	Best	_	_	_
LDR	_	Best	_	A 1	Best	_	_	_
NICU/ Neonatal	_	Best	_	A 1	Best	_	_	_
Nurses Stations	_	Best	_	A 1	Best	_	_	_
Office Areas	_	Best	_	A 1	Best	_	_	_
Patient Rooms	_	Best	_	A 1	Best	_	_	_
Physical Therapy/ Gyms	_	Best	_	A 1	Best	_	_	_
Ramps (public)	_	_	_	Best	Best	Best	_	_
Rehabilitation	_	Best	_	A 1	Best	_	_	_
Service Areas/ Corridors/ Elevator	_	Best	_	Best	Best	Best	_	_
Stairwells	_	Best	_	Best	_	_	Α	_
Sterile Care Corridors/ Sterile Processing	_	Best	-	_	Best	_	_	_
Surgical Suites (ORs, PACUs)/ Cath Labs	_	Α	_	_	Best	_	_	_
Waiting Areas	Α	Best	_	A 1	Best	_	_	_
•	A		grano ed	A 1	Best	- xp trac	920	992/9 grand
EDUCATION		I	I	I	I	1	l	1
Cafeterias/ Auditoriums	Α	Best	_	A 1	Best	_	_	_
Classrooms	_	Best	_	A 1	Best	_	_	_

	arago	grano/ satura	grano ed	round & hammered	jubilee/ xp	xp trac	920	992/ 992 grano
EDUCATION	•							
Cafeterias/ Auditoriums	A	Best	_	A 1	Best	_	_	_
Classrooms	_	Best	_	A 1	Best	_	_	_
Computer Rooms	A	Best	Best ■	Α	Best	_	_	_
Corridors	A	Best	_	Α	Best	Α	Α	_
Entrance Areas	_	Best	_	Best 1	Best	Best	Α	_
Gyms/ Multipurpose/ Music	_	Α	_	A 1	Best	_	_	Α
Laboratories/ Shops	_	Best 2	_	A 1	Best	_	_	_
Library/ Assembly Halls	A	Best	_	A 1	Best	_	_	_
Ramps	_	_	_	Best	Best	Best	_	_
Staff Areas	_	Best	_	A 1	Best	_	_	_
Stairwells	Best	Best	_	Α	_	_	Α	_
Student Housing		Rest	_	Δ1	Rest	_	_	Δ

		noraplan® tiles	/ sheet/ plank				norament <sup>®</sup> stairtreads
environcare™/ sentica (3.0 mm)	eco/ environcare™/ sentica (2.0 mm)	environcare™ acoustic/ sentica acoustic	environcare™ ed/ sentica ed	unita	lona/ valua (3.0 mm)	lona/ valua (2.0 mm)	norament stairtreads
Best	A				Best	A	
Best	Best	_	_		Best	A	
		_	_				
Best	Best	_	_		A	A	_
Best	Α	_	_		A	Α	_
_	_	_	_		_	_	
Best	A	-	_	_	Α	Α	
Best	Α	-	_		Best	Α	_
Best	A	-	A ■ *	_	Α	-	_
Best	Best	A	_	_	Α	Α	_
Best	Α	_	_	_	_	_	_
Best	Best	_	_	_	Α	Α	_
Best	Best	Best	_	_	Best	Best	_
Best	Α	_	_	_	Α	_	_
Best	Α	_	_	_	Α	Α	_
Best	Best	_	_	_	Best	Best	_
Best	_	_	_		A	A	_
_	_	_	_		_	_	_
Best	A	_			A	A	
_	_	_	_		_	_	_
		_	_		_	_	Best
		_	_			_	Desi
Best	-	_	_	-	_	-	_
Best	_	-	Α	_	_	_	_
Best	Α	_	_	Α	Best	Α	_
environcare™/ sentica (3.0 mm)	eco/ environcare™/ sentica/ stone (2.0 mm)	environcare™ acoustic/ sentica acoustic	environcare™ ed/ sentica ed	unita	lona/ valua (3.0 mm)	lona/ valua (2.0 mm)	norament stairtreads
Α	Α	_	_	_	Α	Α	_
Best	Α	_	A <b>■</b>	Α	Α	Α	_
Α	A	_	A <b>■</b>	_	Α	Α	_
Best	A	_	_	Α	Α	Α	_
A	_	_	_	A	_	_	_
A	A	_	_	_	_	_	_
Best	A	_	Best ■	_	_	_	_
Best	A	_			Α	A	
—	A		_				
		_	_	_			_
Best	Α	_	_	Α	A	A	
_ A	_ A	_	_	_	_ A	A	Best —

# flooring selector

Choose the flooring solutions to meet your needs.

	norament® tiles							
	arago	grano/ satura	grano ed	round & hammered	хp	xp trac	920	992/ 992 grano
INDUSTRY/ LIFE SCIENCES								
Assembly/ Processing Areas	_	Best	Best ■	_	Best	Best	_	_
Atrium	_	Best	_	A 1	Best	Α	_	_
Cafeteria	_	Best	_	A 1	Best	_	_	_
cGMP Production Areas	_	_	Best ■	_	Best	-	_	_
Cleanroom	_	Best	Best ■	_	Best	Best	_	_
Corridors	Best	Best	Best ■	_	Best	_	_	_
Entrance Areas	_	Best	_	A 1	Best	Α	_	_
Laboratories/ Research	_	Best	Best ■	_	Best	_	_	Best ◊
Machine Shop (oil)	_	Best	Best ■	_	_	_	_	_
Manufacturing	_	Best	Best ■	_	Best	_	_	_
Office Areas	_	Best	_	A 1	Best	_	_	_
Stairwells	Best	Best	_	Α	_	_	Α	_
Warehouse (forklift)	_	Best †	-	-	Best †	_	_	_

**Key** Best = Best

 $\Delta$  = Not suitable for forklift traffic

A = Acceptable  $\Diamond$  = Large animal spaces and LN2 resistance

- = Not recommended  $\dagger$  = Must use nora $^{\circ}$  2-part adhesive

1 = Hammered Surface Recommended

2 = For special oil and grease or fire-resistant applications for stairtreads, please contact nora systems, Inc.

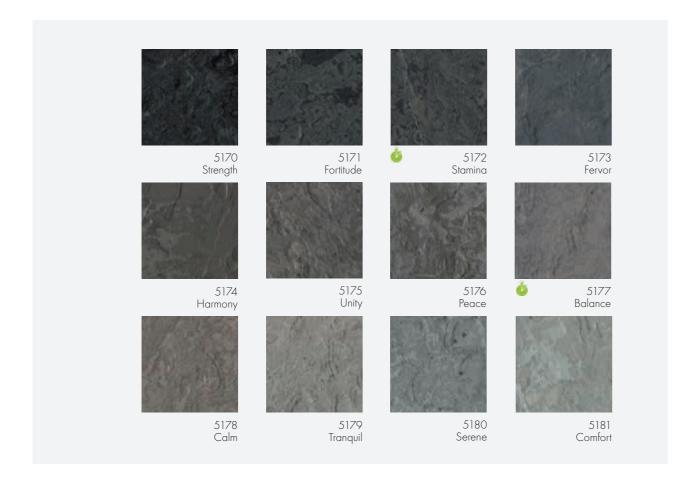
= ed products use conductive adhesive

\* Contact nora systems, Inc. for more information.

	norament® stairtreads						
environcare™/ sentica (3.0 mm)	eco/ environcare™/ sentica (2.0 mm)	environcare™ acoustic/ sentica acoustic	environcare™ ed/ sentica ed	unita	lona/ valua (3.0 mm)	lona/ valua (2.0 mm)	norament stairtreads
_	_	_	<b>A</b> ■ ∆	_	_	_	_
_	_	_	_	_	_	_	_
Best	А	_	_	_	_	_	_
_	_	_	_	_	_	_	_
Best	Α	_	Best ■	_	_	_	_
Α	А	_	A <b>■</b>	_	_	_	_
_	_	_	_	_	_	_	_
Best	А	_	A <b>■</b>	_	_	_	_
_	_	_	_	_	_	_	_
_	_	_	<b>A</b> ■ ∆	_	_	_	_
Best	А	_	_	_	_	_	_
_	_	_	_	_	_	_	Best 2
_	_	_	_	_	_	_	_

### norament® **arago**

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

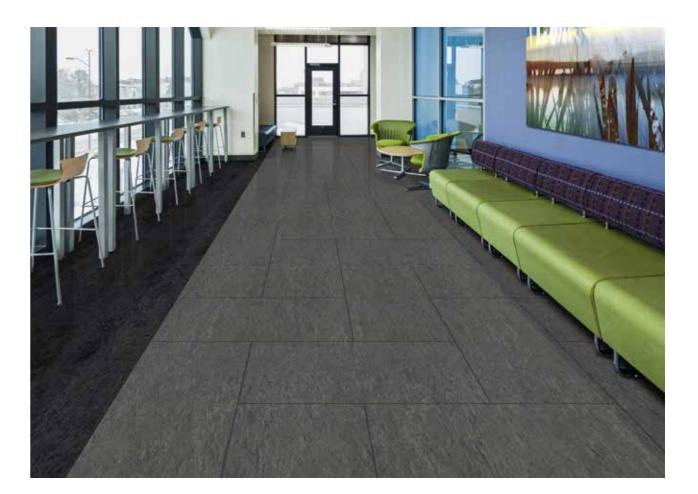




Variations in color and design, even within one production batch, define the product's aesthetic character.

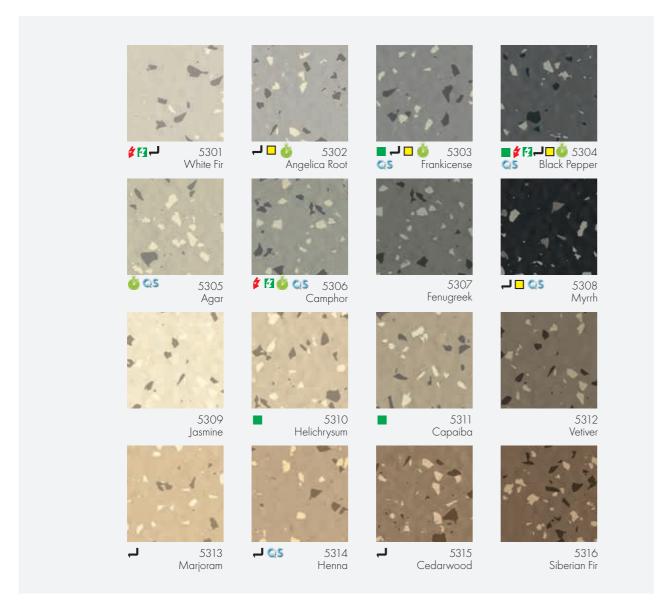
These colors can also be delivered as:

Also available with nora® nTx, pages 28-30



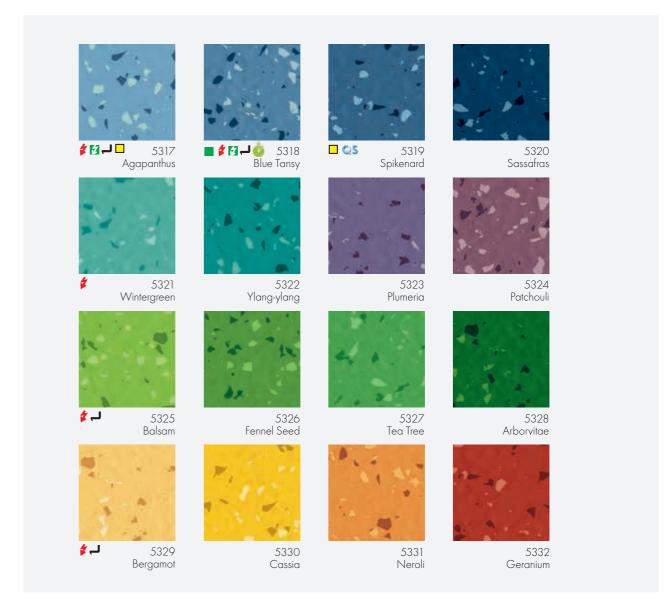
### norament® **grano**

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







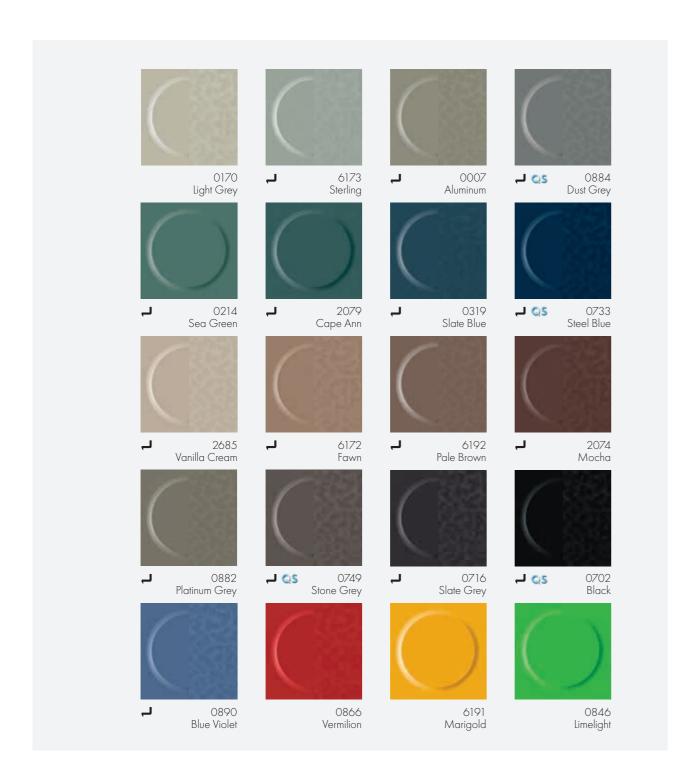


These colors can also be delivered as:

- Special flooring norament® grano ed electrostatically dissipative, page 38
- Special flooring norament® grano ed electrostatically dissipative for raised access floors, page 38
- Special flooring norament® 992 grano, page 35
- → Stairtread norament® grano, page 44
- Also available with nora® nTx, pages 28-30
- OS nora® QuickShip program

### norament® round & hammered

One-colored, classic round or hammered surface for use in heavy traffic areas.





Village of Orland Park Police Station, Orland Park, IL

### norament® round

**2**0

Art. 1902

□~20" x 20" (501 mm x 501 mm)

#### norament® hammered

**~** 16

Art. 1910

□~20" x 20" (502 mm x 502 mm)



These colors can also be delivered as:

Stairtread norament® round & hammered, page 45

norament hammered also available with nora® nTx, pages 28-30

Osam nora QuickShip program

### norament® round - special edition color\*



5052

### norament® round - special edition



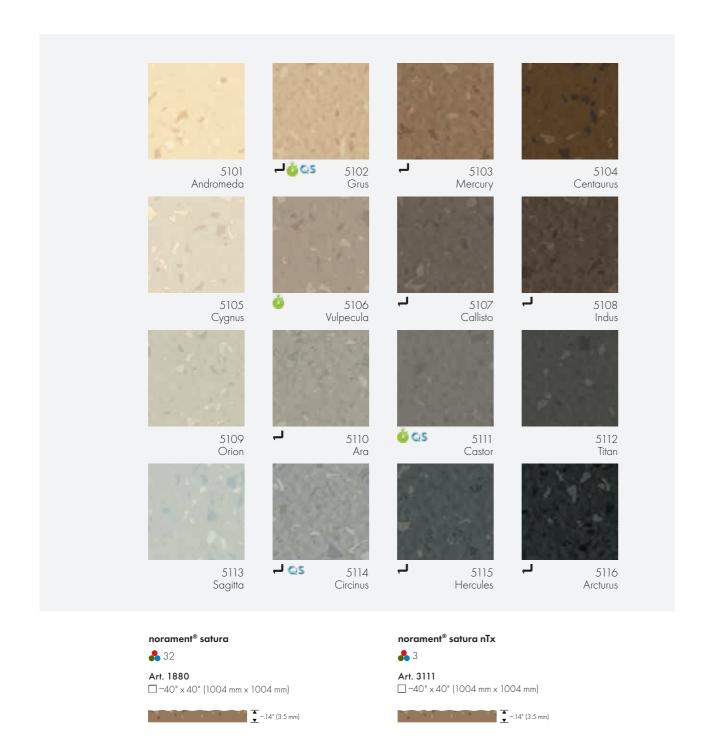
Art. 3150

~40" x 40" (1004 mm x 1004 mm)

\*NOTE: Only available until November 2018. All orders placed after November will be considered custom, and minimum quantities will be required.

### norament® satura

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



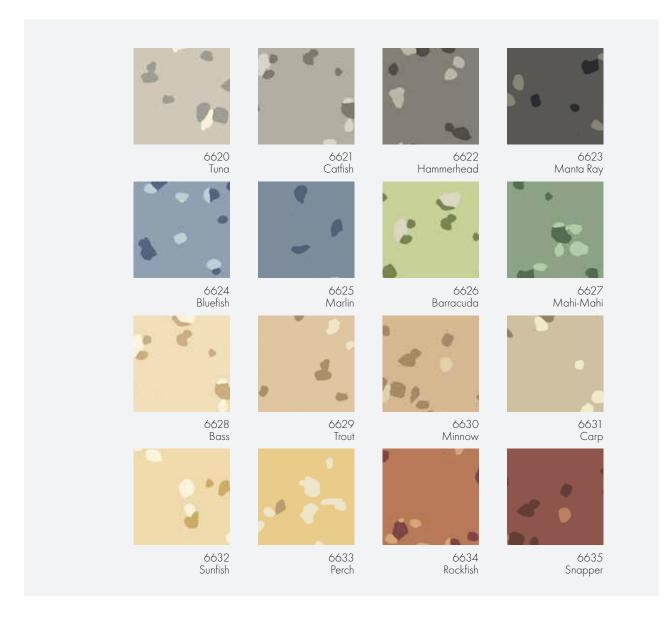


These colors can also be delivered as:

- → Stairtread norament® satura, page 46
- Also available with nora® nTx, pages 28-30
- os nora® QuickShip program

# noraplan® **eco**

Smooth tone-in-tone granular design in a smooth surface for heavy traffic areas.







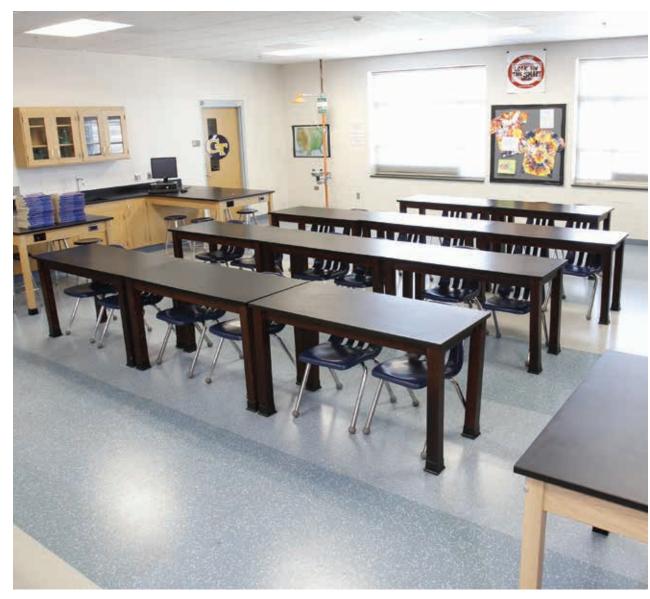
Art. 1490 ~49' x 48" (15.0 m x 1.22 m)

Art. 2490

~24" x 24" (610 mm x 610 mm)





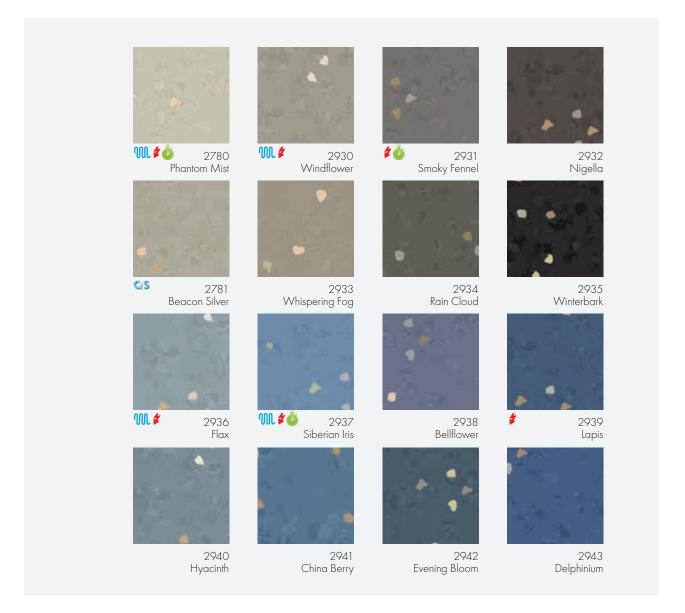


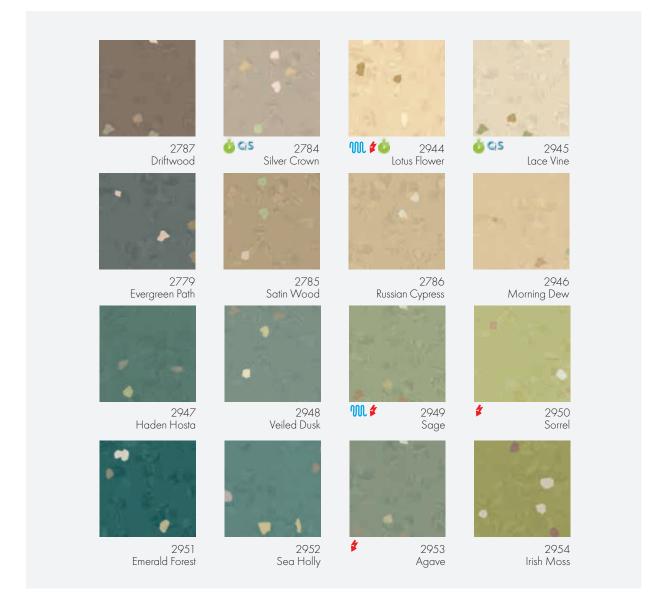
Pilot Mountain Middle School, Pilot Mountain, NC

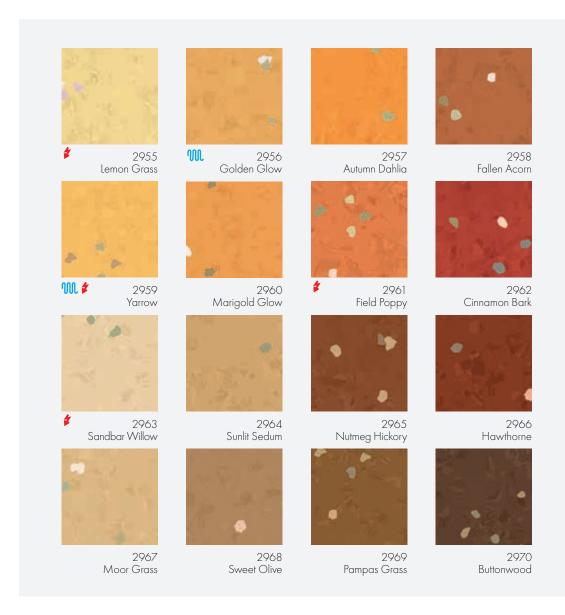
~ English standard measurements are approximates.

# noraplan **environcare**™

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







These colors can also be delivered as:

Special flooring noraplan environcare<sup>™</sup> ed electrostatically dissipative, page 39

M. Special flooring noraplan environcare™ acoustic footfall-sound-absorbing, page 41

Also available with nora® nTx, pages 28-30

S nora® QuickShip program

~ English standard measurements are approximates.

# noraplan° lona

High-performance floor covering with a silk-matte lightly structure surface and a unique organic pattern of splashes and droplets resulting in an innovative multi-directional design.





#### noraplan® lona 2.0 mm



Art. 166B

~49' x 48" (15.0 m x 1.22 m)

Art. 266B

\_~24" x 24" (610 mm x 610 mm)

#### noraplan® lona 3.0 mm



**Art. 267B**□ ~24" × 24" (610 mm × 610 mm)

~.12" (3.0 mm)



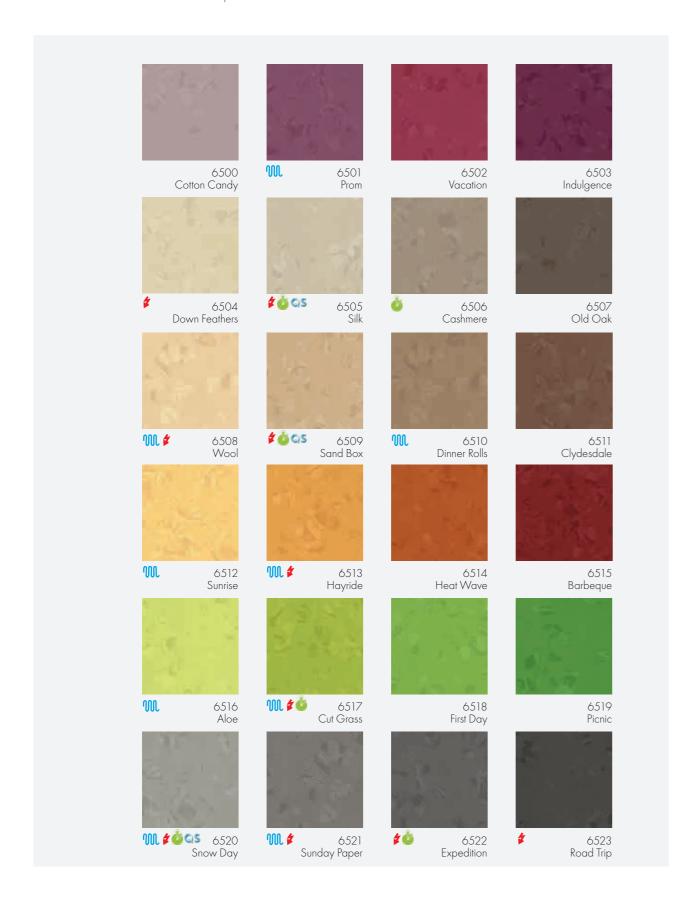
NOTE: Sheet goods available with nora® nTx. Minimum quantities required; see pages 28-30

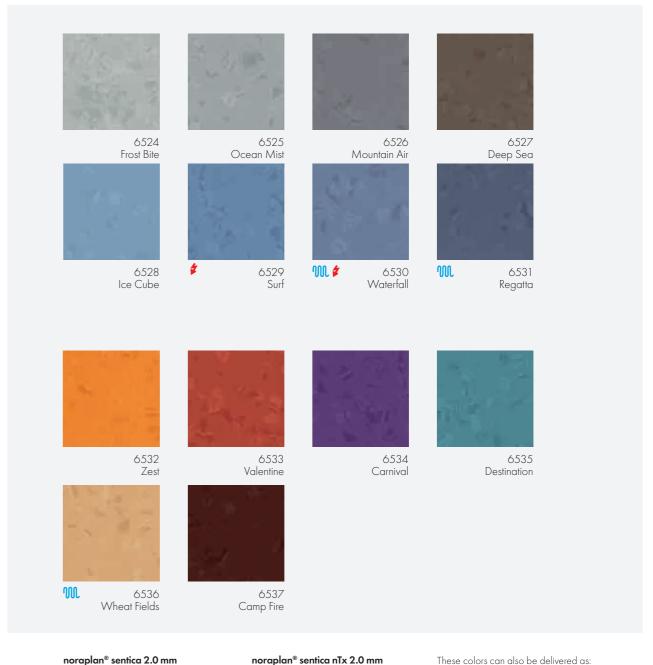


~ English standard measurements are approximates.

### noraplan° sentica

Tone-on-tone design with harmoniously matching color components in a smooth surface for heavy traffic areas.







Art. 2700

□ ~24" × 24" (610 mm × 610 mm)

• • • 0.08" (2.0 mm)

#### noraplan® sentica 3.0 mm 38

Art. 1701

~39' x 48" (12.0 m x 1.22 m)

~.12" (3.0 mm)

noraplan® sentica nTx 3.0 mm

₹~.08" (2.0 mm)

Art. 155A ~39' x 48" (11.8 m x 1.22 m)

~.12" (3.0 mm)

nese colors can also be delivered as:

Special flooring noraplan® sentica ed electrostatically dissipative, page 40

M Special flooring noraplan® sentica acoustic footfall-sound-absorbing, page 42

Also available with nora® nTx, pages 28-30

Os nora® QuickShip program

~ English standard measurements are approximates.

### noraplan<sup>®</sup> unita

A perfect combination of materials, comprising permanently resilient rubber and randomly dispersed granite chips with a smooth surface for heavy traffic areas. Available in two timeless designs.



NOTE: Available with nora® nTx. Minimum

quantities required; see pages 28-30.

### noraplan® unita

**4** 16

**Art. 1640** ~49' x 48" (15.0 m x 1.22 m)

Art. 1650\*
 ~49' x 48" (15.0 m x 1.22 m)

\_\_\_\_\_~~.08" (2.0 mm)

NOTE: Granite is a natural product.

For this reason, slight color deviations may occur in the stone even within the same batch.

# noraplan° **valua**

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







#### noraplan® valua 2.0 mm

**&** 8 **Art. 172A** 

~49' x 48" (15.0 m x 1.22 m)

**4** 24

Art. 174A

2 ~49' x 48" (15.0 m x 1.22 m)

5 ~0.08" (2.0 mm)

These colors can also be delivered as:

noraplan® valua planks, page 26-27

noraplan® valua 3.0 mm

Art. 173A

~39' x 48" (12.0 m x 1.22 m)

**%** 24

Art. 175A

~39' × 48"

~39" x 48" (12.0 m x 1.22 m)

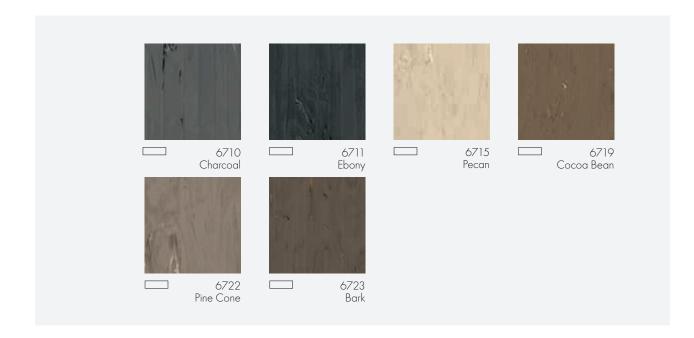


NOTE: Available with nora® nTx. Minimum quantities may be required; see pages 28-30.



# noraplan° valua plank

Beveled plank edges offer a natural, individual look that is easy to clean and maintain. Heat welding is not required, allowing for ease of installation while providing a hygienic seal.





Three plank sizes. Unlimited possibilities.

#### Planks





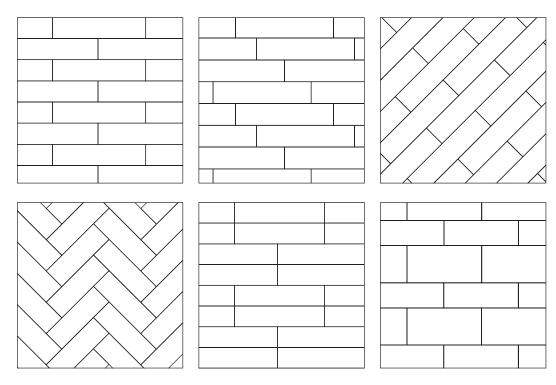






(1.22 m x 405 mm)

#### Example installations



#### noraplan® valua plank 2.0 mm

### Art. 272A

~24" x 8" (610 mm x 205 mm)

### Art. 273A

~24" x 12" (610 mm x 305 mm)

Art. 274A ~48" x 16" (1220 mm x 405 mm)

### noraplan® valua plank with nora® nTx 2.0 mm

### **2** 6

Art. 211B

~24" x 8" (610 mm x 205 mm)

Art. 212B

~24" x 12" (610 mm x 305 mm)

Art. 213B

~48" x 16" (1220 mm x 405 mm)

₹~.08" (2.0 mm)

### noraplan® valua plank 3.0 mm

Art. 275A ~24" x 8" (610 mm x 205 mm)

Art. 276A (610 mm x 305 mm)

### Art. 216B

~48" x 16" (1220 mm x 405 mm)

### noraplan® valua plank with nora® nTx 3.0 mm

Art. 214B

~24" x 8" (610 mm x 205 mm)

Art. 215B

~24" x 12" (610 mm x 305 mm)



Art. 216B

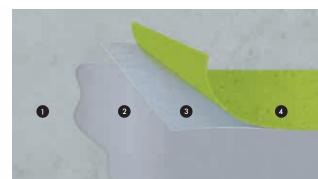
~48" x 16" (1220 mm x 405 mm)



Custom sizes available upon request.

~ English standard measurements are approximates.

nora® nTx is a new and innovative technology to streamline today's installation system for nora® premium rubber flooring products. Because this high performance adhesive is factory-applied, nora nTx is as simple as it is ingenious. In a few simple steps, the flooring can be cleanly and safely installed and move-in ready immediately after installation. It can be laid on typical commercial concrete substrate or cement based patching and leveling compounds. It can even be installed directly on over most existing floorings. Even high levels of residual moisture in the concrete are no problem for nora nTx.



- 1 Subfloor, or existing flooring surface
- 2 nora® nTx 020 (primer)
- 3 Protective film
- 4 nora® floor covering with nora® nTx







### The key advantages at a glance:



#### Reliable installation result

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



### For all types of subfloors

nora® nTx is suitable for all common types of subfloors - ideal also for problematic subfloors and underfloor

(to be requested at the address given, see Rear side).

\* Valid for deliveries from 7/1/2017. 10 year warranty for the criteria given in our warranty conditions



### Immediate usability

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



### Use with residual moisture

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



### High efficiency

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



### Covering-over-covering installation

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

Art. 157A

# norament® arago nTx

Stamina

~.14" (3.5 mm)

□ ~40" x 20" (1004 mm x 502 mm)

5106 Vulpecula

□ ~40" x 40" (1004 mm x 1004 mm)

~.14" (3.5 mm)

5306

Camphor

□ ~40" x 40" (1004 mm x 1004 mm)

~.14" (3.5 mm)

2945

Lace Vine

~39' x 48" (11.8 m x 1.22 m)

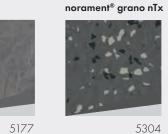
norament® satura nTx

Art. 3122

norament® with nora® nTx - available designs



Balance

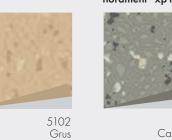


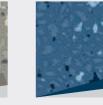


#### Art. 3111 □ ~40" x 40" (1004 mm x 1004 mm) ~.14" (3.5 mm)

Black Pepper

### norament® xp trac nTx





Camphor

Art. 3134 ~40" x 40" (1004 mm x 1004 mm) ~.14" (3.5 mm)

#### norament® xp nTx

Art. 3111

Art. 3111







5310

2944

Lotus Flower

Helichrysum





5319 Spikenard

5330 Cassia

Spikenard

### noraplan® with nora® nTx - available designs

noraplan environcare™ nTx





noraplan® sentica nTx



Cashmere



6520 Snow Day

~39' x 48" (11.8 m x 1.22 m)

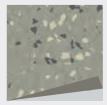
~.12" (3.0 mm)

### norament® with nora® nTx - available designs

### norament® grano nTx







Camphor



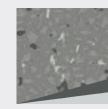
Blue Tansy

Art. 3111

~40" x 40" (1004 mm x 1004 mm) ~.14" (3.5 mm)

5302 Angelica Root

#### norament® xp trac nTx





5330 Frankincense

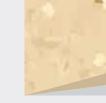
#### Art. 3134

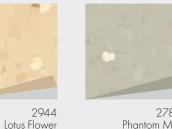
□ ~40" x 40" (1004 mm x 1004 mm) ~.14" (3.5 mm)

### noraplan® with nora® nTx - available designs

#### noraplan environcare™ nTx













Siberian Iris

Art. 156A

~49' x 48" (14.8 m x 1.22 m) ◆ ~.08" (2.0 mm)

~49' x 48" (14.8 m x 1.22 m)

◆ ~.08" (2.0 mm)

2945 Lace Vine

#### noraplan® sentica nTx



Art. 1633



Cashmere



Snow Day



Expedition

Smoky Fennel



6517 Cut Grass

~ English standard measurements are approximates

NOTE: To review complete product information for nora nTx please visit www.nora.com/us

Art. 155A

<sup>~</sup> English standard measurements are approximates.

Achieving the optimum learning environment starts with flooring that creates safer spaces. At nora®, we recognize the significant impact floor coverings have on your K-12 facility, and are committed to providing budget-friendly products, to help create safer schools that support students as they learn, play and grow.

Consisting of norament® jubilee and noraplan® stone premium rubber floor coverings and a selection of norament® round &hammered stairtreads, the nora® enlighten collection combines a complimentary pallet of neutral and fun, vibrant colors, with durable, low-maintenance flooring solutions that provide excellent acoustics and indoor air quality, affording students and staff with improved concentration levels and better health for higher attendance and learning.

The nora enlighten collection offers the complete combination to meet all application demands of today's learning environment, helping to create great first impressions in busy entrance areas, student-friendly designs in classrooms, seamless appearances in heavily trafficked corridors, and connecting spaces and primary emergency routes in stairwells. The attention given to this collection was to meet the needs of key decision makers while, at the same time, creating inspirational environments that enlighten young minds and spark creativity so kids can be kids.



### norament® jubilee

High-performance rubber flooring for heavy traffic areas, with a hammered surface and exciting multi-color granule effect.



### norament® jubilee

Art. 3130

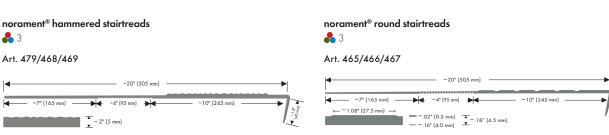
□ ~20" x 20" (502 mm x 502 mm)

~.12" (3.0 mm)

### norament® round & hammered stairtreads

One-colored with a classic round or hammered surface.

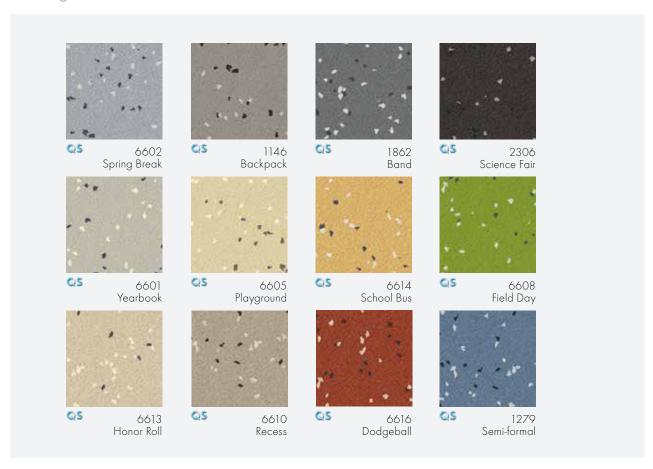




~ English standard measurements are approximates.

### noraplan® stone

Rubber flooring with discreet, non direction scatter design, available in a reflection breaking surface.



#### noraplan® ston

**.** 

Art. 0149

~49' x 48" (15 m x 1.22 m)

**Art. 0249**□ ~24" × 24" (610 mm × 610 mm)

₹ ~.08" (2.0 mm)

These colors can also be delivered as:

Q5 nora® QuickShip program



~ English standard measurements are approximates

special floorings | nora systems 33

### norament® 920

One-colored, classic round surface for special fire-protection requirements for extra heavy traffic.

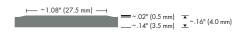




Art. 354

Arr. 334

□ ~40" x 40" (1006 mm x 1006 mm)



- Fire safe quality
- Ideal flooring for emergency exits and stairways
- IMO and SOLAS Certified
- Compliant with ASTM E136

- → Stairtread norament<sup>®</sup> 920, page 43
- Meets Class "A" (ASTM E84 Tunnel Test) flame spread rate less than 15 and smoke development less than 300
- For use in egress areas above 75 feet according to International Building
   Code (IRC)



Imperial War Museum, London, UK

~ English standard measurements are approximates.

# norament® 992/992 grano

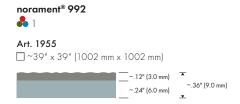
Designed to meet the extreme wear-resistant requirements of ice blades, spikes, cleats and free weights.

### norament® 992





Seven Bridges Ice Arena, Woodridge, IL



### norament® 992 grano



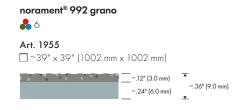


5319 Spikenard



5304 Black Pepper

530 My

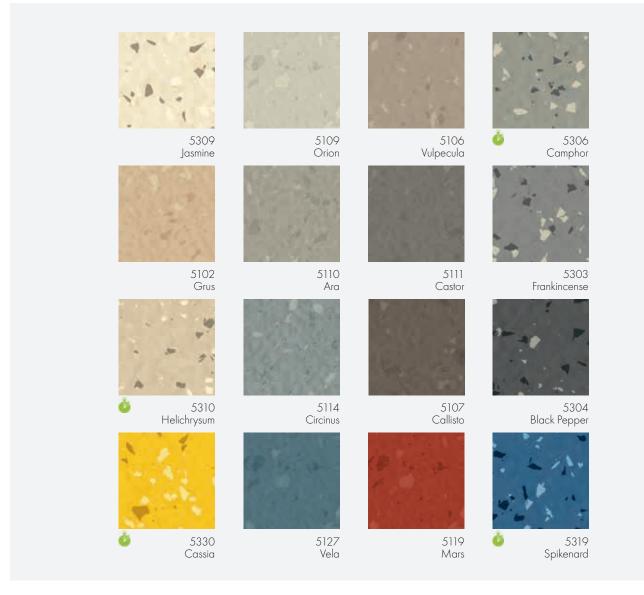


5317

Agapanthus

### norament® **xp**

A granular design for use in high-performance workspaces. Its high-impact, dense structure resists the stresses of extreme weight and harsh chemicals.



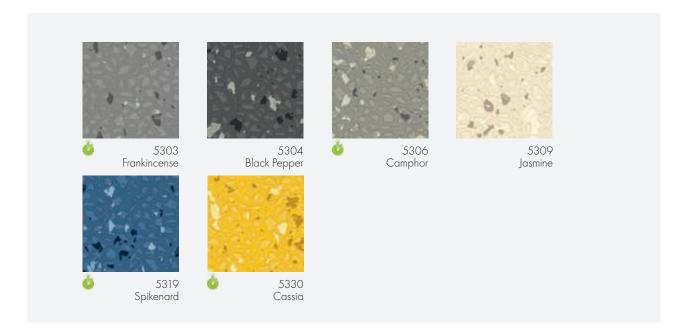


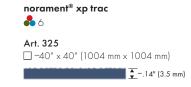
These colors can also be delivered as:

Also available with nora® nTx, pages 28-30

## norament® **xp trac**

A granular design with an enhanced surface profile for use in facilities and applications challenged with recurrent wet areas, requiring enhanced slip resistance.





These colors can also be delivered as:

Also available with nora® nTx, pages 28-30



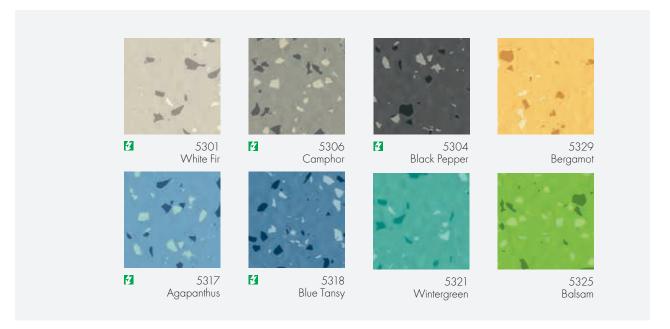
Biopharmaceutical Manufacturing Facility

### norament® ed 🕏

on the electrostatic properties as yet a result of a r

Electrostatically dissipative "ed" flooring for optimum ESD protection of electronic devices and equipment. Protects against electrical shock, resists most oils and greases and is suitable for forklift truck areas.

### norament® grano ed





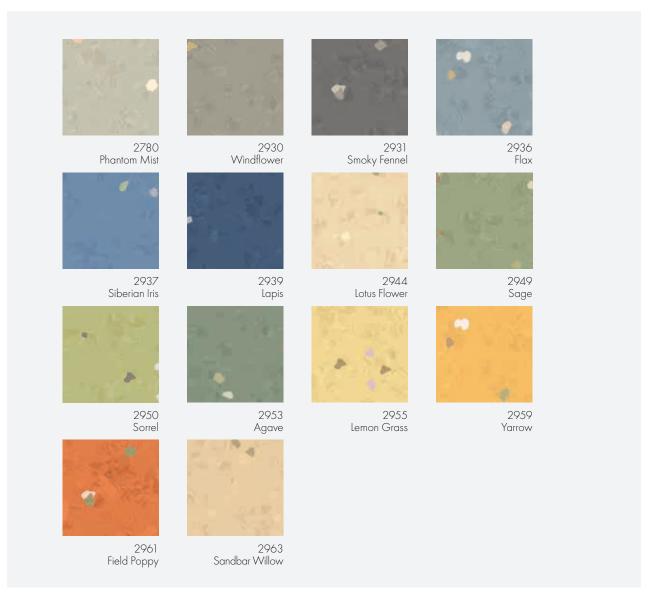


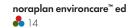
# noraplan° ed 🕏

on the electrostatic properties as stated in our warranty warranty conditions.

Electrostatically dissipative "ed" flooring for optimum ESD protection of electronic devices and equipment. Protects against electrical shock and resists most oils and greases.

### noraplan environcare™ ed





Art. 1390

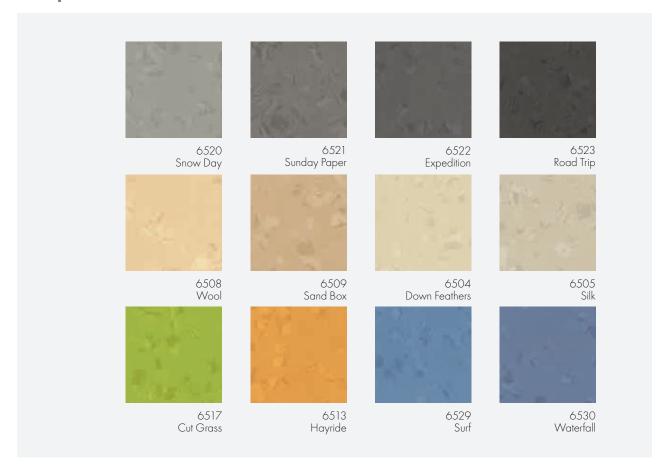
~49' x 48" (15.0 m x 1.22 m)

**Art. 2390**□ ~24" × 24" (610 mm × 610 mm)

◆ ~.08" (2.0 mm)

For high footfall sound absorption with a footfall sound absorption improvement of  $\Delta Lw$  18 dB.

### noraplan® sentica ed



noraplan® sentica ed

**.** 12

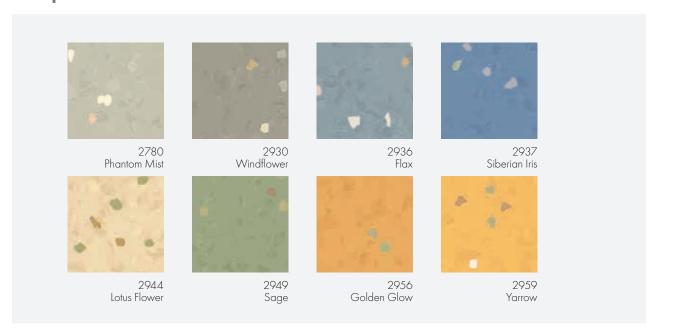
Art. 1702

~49' x 48" (15.0 m x 1.22 m)

Art. 2702

~24" x 24" (610 mm x 610 mm)

### noraplan environcare™ acoustic



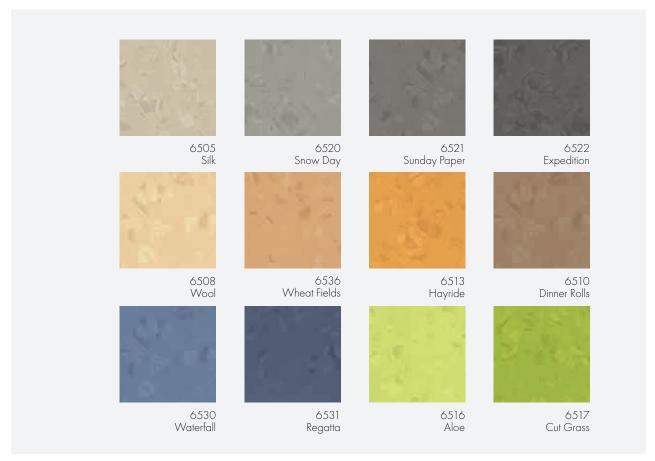
noraplan environcare™ acoustic

**8** 

Art. 1420

~39'x 48" (12.0 m x 1.22 m)

### noraplan® sentica acoustic



noraplan® sentica acoustic

**1**2

Art. 1705

~39' x 48" (12.0 m x 1.22 m)

### **NORAMENT® STAIRTREADS**

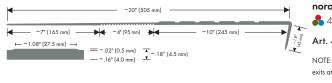
### norament® stairtreads

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

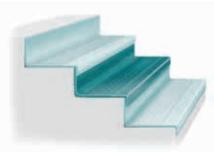
### norament® 920 stairtreads (Class A fire-rated)

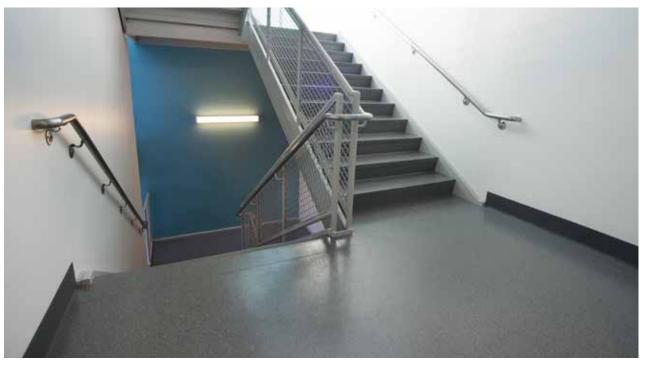
One-colored, classic round surface for special fire-protection requirements.









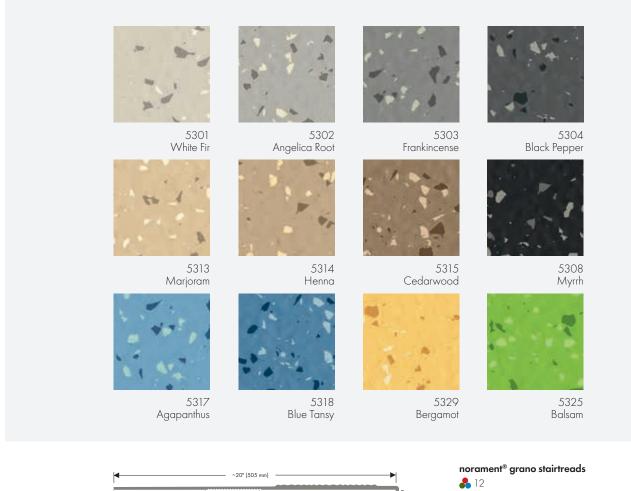


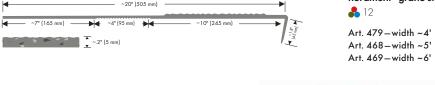
Spaulding Rehabilitation Hospital, Boston, MA

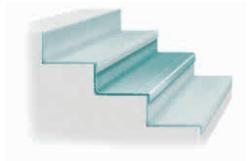
~ English standard measurements are approximates.

### norament® grano stairtreads

Granular design rich in contrast with a hammered surface.



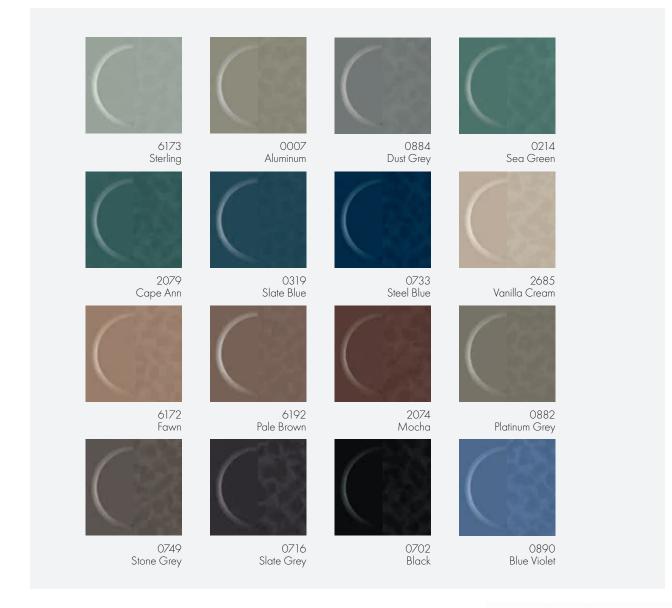


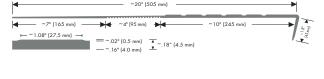


### ~ English standard measurements are approximates.

### norament® round & hammered stairtreads

One-colored with a classic round or hammered surface.





# ~20° (505 mm) ~10° (245 mm) ~1

### norament® round stairtreads

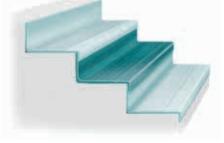
Art. 465—width ~4'

Art. 466-width ~5' Art. 467-width ~6'

norament® hammered stairtreads
16

Art. 479—width ~4'

Art. 468-width ~5' Art. 469-width ~6'

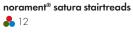


~ English standard measurements are approximates.

Tone-on-tone granular design with a hammered surface.





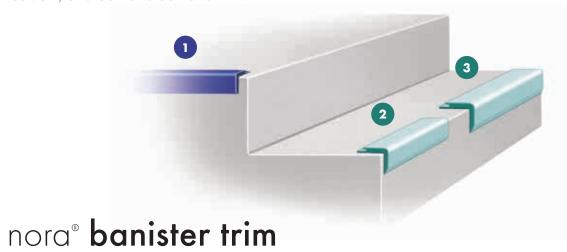


Art. 479-width ~4' Art. 468-width ~5' Art. 469-width ~6'

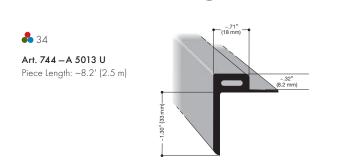


### nora® stair accessories

nora® stair accessories are made from carefully selected raw materials, are impact and shock resistant, and do not break or shrink.



For landings and ramps.



0007	0882	2681	5107	5127
0214	0884	2786	5108	5129
0319	0890	2930	5110	
0702	1146	4877	5114	
0716	1150	4881	5115	
0733	1780	4885	5116	
0749	2074	4898	5118	
0805	2680	5103	5121	

# nora® epoxy stair filler

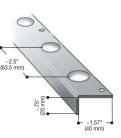
13.5 oz dual cartridge applicator with special mixer application tip. Coverage: ~30 linear feet (15.24 linear meters) with a .25" bead



# nora® metal repair stair angle

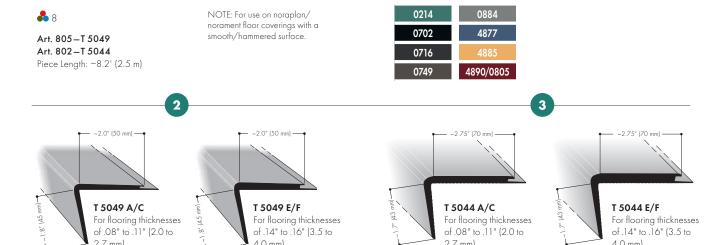
#### Art. 6637

Piece Length: ~39.37" (1.0 m) Screws: middle of hole to middle of hole ~2.5" (63.5 mm)



### nora® **stair nosings**

With a slide-in lip for installation on all types of staircases.



### 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, asbestos, lindane, chlorinated biphenyls, pentachlorophenol, plasticizers or other toxic substances, 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.

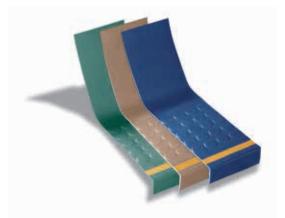
Dimension of rolls: 9.45" width x 164' length (240 mm x 50 m) = 129 sq ft (12 m<sup>2</sup>)

## nora® visually impaired strips

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

Piece Width: ~2" (50.8 mm)





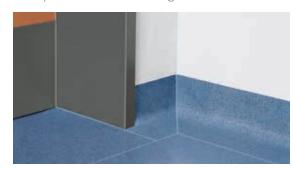
NOTE: When installing norament® stairtreads with nora® visually impaired strips, nora® epoxy stair filler must be used under the nosing of the stairtread during installation.

### nora® accessories

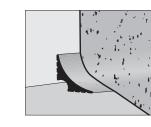
Accessory range made of rubber matched to suit nora® floor coverings for convincing solutions both in visual and functional terms. The materials are impact- and shock-resistant, do not contain any plasticizers and retain their functional reliability long term.

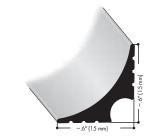
### nora® cove stick

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



**Art. 7731 – H 9010**Piece Length: ~32.8' (10.0 m)



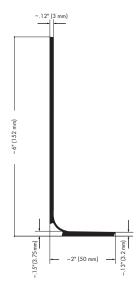


### nora® sanitary base

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



2780	6504
2930	6505
2944	6506
2949	6508
2953	6509
2963	6528
4877	6536
1	



### 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.



Art. 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	6239
6201	6297	6238	6220	6290
6256	6298	6216	6251	6254
6213	6204	6293	6259	6264



<sup>~</sup> English standard measurements are approximate:

### 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

**\$** 144

Art. 928 ~450 grams/~1 lb Sufficient for ~50-60 linear feet (15-18 linear meters)

0007	2680	2944	2969	5120	5303/6016	5330/6508*	6504	6529
0131	2681	2945/2897	2970/4654	5121	5304/4881	5331/6514*	6505	6530
0702	2752	2946	4654	5122	5305/1254	5332/2962*	6506	6531/4877
0716	2779	2947	4873	5123/6513	5306	6172/2681	6507	6532
0733	2780	2948	4877	5124	5307/5111	6385	6508	6533/2962
0749	2781	2949	4881	5125	5308/0716	6442	6509	6534
0866	2784	2950	5101	5126	5309/2897*	6443	6510	6535
0882	2785	2951	5102/2786	5127	5310	6444	6511	6536
0884	2786	2952/4873	5103	5128	5311	6445/0749	6512	6537
1146/1253	2787	2953	5104	5129	5312/6448*	6446	6513	6601/1254
1253	2897	2954	5105	5130/6535	5313	6447/0131	6514	6613/1385
1254	2930	2955	5106	5131	5314	6448	6515	6620/1581
1279	2931	2956	5107	5132	5315	6449	6516	6624/1585
1385	2932	2957	5108	5170/0716	5316/6523*	6450/0716	6517	6631/6674
1578	2933	2958/2147	5109	5171/5116	5317	6451	6518	6704/6718
1581	2934	2959	5110	5176/0749	5318	6452	6519	6716/2946
1582	2935/0716	2960	5111	5179/5111	5319	6453/6385	6520	6718
1585	2936	2961	5112	5181/0884	5320/5121*	6454/6442	6521/0882	6720/2944
1780	2937	2962	5113	5192/2930	5321	6455/6443	6522/2226	6903/2932
2142	2938	2963	5114	5193/0702	5322/5321*	6456/0131	6523	6905/6504
2147	2939/4877	2964	5115	5195/2680	5324/6501	6457	6524	6908/2144
2226	2940	2965	5116	5196/5119	5325	6500	6525	6912/6500
2306/0716	2941	2966	511 <i>7</i>	5197/4876	5326/6519*	6501	6526/2666	6916/6519
2633	2942/2142	2967	5118	5301	5327/6519*	6502	6527	6918/1279
2666	2943/2752	2968	5119	5302	5329	6503	6528	6923/0702

\*Recommended, not a base match

## nora® heat welding rod

Matching heat weld can be delivered 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.

#### Art. 946

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

#### **INSTALLATION & CARE**

### 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.

- Odorless
- No downtime
- No necessary open time required
- Can be walked on or welded immediately
- Non-flammable and freeze/thaw stable
- Free of organic solvents, formaldehyde, asbestos, lindane, rosins, plasticizers or any other volatile components
- Meets the South Coast (CA) Air Quality Management District Rule 1168

Each roll of nora dryfix package covers approximately 215 sq ft. Delivery unit: each roll  $\sim$ 32" x 82' (0.8 m x 25 m).

### nora® profix

nora® profix tape is supplied in rolls for installation of nora® sanitary base and flash coving. nora profix provides the following benefits:

- Odorless
- Easy installation
- No waste
- Non-flammable and freeze/thaw stable
- Free of solvents, formaldehyde, asbestos, lindane, chlorinated biphenyls, pentachlorophenol, plasticizers or other toxic substances.
- Meets the South Coast (CA) Air Quality Management District
  Pula 1168

profix<sup>®</sup> 145 5.7" wide x 164' long (145mm x 50 m) profix<sup>®</sup> 90 3.5" wide x 164' long (90 mm x 50 m) profix<sup>®</sup> 50 2" wide x 164' long (50 mm x 50 m)

### nora® wet adhesives

#### nora® 385 adhesive

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

- Freeze/thaw stable (5 cycles) at 0°F per ASTM D 7149-Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable for 2.7 mm -9.0 mm norament products using a 1/32" x 1/16" x 1/32" U-notched trowel.
- Spread rate of 170 190 sq ft per gallon.

#### nora® 485 adhesive

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

- Freeze/thaw stable (5 cycles) at 0°F per ASTM D 7149-Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable for 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 sq ft per gallon.

#### nora® 585 adhesive

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

- Freeze/thaw stable (5 cycles) of 0°F per ASTM D 7149-Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable for 2.7 mm -9.0 mm norament ed products using a 1/32" x 1/16" x 1/32" U-notched trowel.
- Spread rate of 170-190 sq ft per gallon.

#### nora® 685 adhesive

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

- Freeze/thaw stable (5 cycles) of 0°F per ASTM D 7149-Standard Practice for Determining Freeze Thaw Stability of Adhesives.
- Suitable for 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 sq ft per gallon.

Speak with your nora® Sales 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® nTx installation materials.

nora® nTx installation materials have been developed specifically for the nora® nTx floor coverings. The perfect matching between each installation material and the nora® nTx floor coverings provides functional reliability and ensures the highest standards of quality. Moreover, all nora® nTx installation materials can be applied to subsurfaces with higher residual moisture levels.

### nora® nTx 020

Surface bond enhancer

A required surface bonding agent for use with nora® nTx only. This bonding agent is applied over porous and non-porous substrates, prior to installing nora nTx.

- Formulated for high-moisture concrete substrates
- Roller-applied
- Cures 1-2 hours
- Unit size: 2.5 gallon bottle
- Coverage: ~875 sq ft/unit

### nora® nTx tools

Diamabrush™ Concrete Prep Plus Tool

Sanding disc for preparing substrates

17" Dust Skirt

100 Grit Replacement Blades Sanding tool (coarse)



Diamabrush™ Concrete Prep Plus Tool

### Art. 502515 Bonding agent for improved adhesion



Art. 502520 – 17"
Art. 502521 – 20"
Suitable sanding discs for the machines: Mambo, Columbus, and Orkan

NOTE: Please specify the machine type in your order

Art. 502525

Art. 502523 - 17"
Art. 502524 - 20"
Sanding tool for nTx sanding disc



Diamabrush™ Replacement Blades

### nora **pro clean**® **system**

A scrubber, nora® Pads and water is all you need

The nora pro clean® system eliminates the need to use harsh, unfriendly cleaning detergents on your nora® premium rubber flooring. The combination of nora's unique, dense, nonporous and dirt-repellent surface, water and our exclusive nora® Pads provides a more cost-effective and sustainable cleaning solution. The continuous use of this system will make your nora flooring more resistant to scuffs and staining over time.

The key to the nora pro clean system is the nora Pads. For use only on nora rubber flooring, these exclusive pads are designed for all levels of maintenance needs, from the periodic cleaning of small spaces to the more intense post-construction cleaning.

nora Pads will take you from post-installation maintenance, enhanced shine, daily maintenance, and periodic maintenance through your toughest cleaning challenges. Please refer to the nora® Maintenance Guides, for your norament® or noraplan® products.



## nora® **pads**

nora pro clean pads are designed for post-installation, daily, periodic maintenance and enhanced shine on selected nora rubber floor coverings. nora pro clean pads can be used with most standard types of cleaning equipment such as floor scrubbers and automatic floor scrubbers that are available in different sizes with 4 pads to a box.

nora pad 0 is used for post installation (depending on amount of soil), daily maintenance and enhanced shine on selected nora floor coverings. Refer to norament and noraplan General Maintenance Guides.

nora® Pad 0 — 20"	Art. 50235
nora® Pad 0 — 17"	Art. 50235
nora® Pad 0 — 16"	Art. 50235
nora® Pad 0 — 14"	Art. 50235
nora® Pad 0 — 13"	Art. 50235
nora® Pad 0 — 12"	Art. 502350

nora pad 1 is used for post installation (depending on amount of soil), daily, periodic maintenance and enhanced shine on selected nora floor coverings. Refer to norament and noraplan General Maintenance Guides.

Art. 50170
Art. 50170
Art. 50209
Art. 50170
Art. 50170
Art. 50208

nora pad 2 is used for post installation (depending on amount of soil), and periodic maintenance on selected nora floor coverings. When using nora pad 2, you must follow-up with enhanced shine protocol. Refer to norament and noraplan General Maintenance Guides.

nora® Pad 2 — 20"	Art. 5017
nora® Pad 2 — 17"	Art. 5017
nora® Pad 2 — 14"	Art. 5017
nora® Pad 2 — 13"	Art. 5017

nora pad 3 is used for intensive cleaning, and minor scratch repair (restoration) on selected nora floor coverings. When using nora pad 3, you must follow-up with enhanced shine protocol. Contact nora® Technical Department.

nora®	Pad	3 —	20"	Art. 501702
nora®	Pad	3 —	17"	Art. 501706

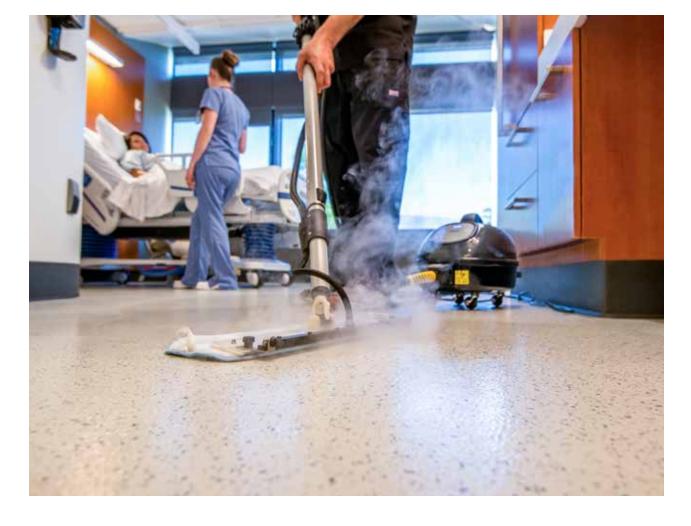
### nora® **pro steamer**

Your occupied spaces, deep cleaned with steam.

The quiet, non-disruptive cleaning power of steam gives you the ability to deep clean smaller spaces and hard to reach areas while still supporting a calming healing environment. Using only distilled water to create superheated dry steam - your patients will breathe easy and enjoy an improved experience in their clean surroundings.

nora<sup>®</sup> pro steamer Art. 119249





#### limited wear warranty

**product warranty:** nora systems, Inc. ("nora"), warrants its nora®, norament®, and noraplan® rubber flooring, norament® rubber stairtread, (except for the safety grit strip), accessories, nora® nTx O2O 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  $10^{\circ}$  –  $<10^{\circ}$  OHMS noraplan environcare $^{\text{IM}}$  ed  $10^{\circ}$  –  $<10^{\circ}$  OHMS noraplan® sentica ed  $10^{\circ}$  –  $<10^{\circ}$  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. 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 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 2018.

		excessive wear warranty/	conductivity warranty/
		years	years
nora® stair nosing	commercial traffic	5	-
nora® wall base/ sanitary base	commercial traffic	5	_
norament® arago/ grano/ satura/ xp/ xp trac	extra heavy traffic	10	-
norament <sup>®</sup> jubilee/ round & hammered	commercial traffic	10	-
norament® ed products: grano	commercial traffic	10	10
norament® nTx products: arago/ grano/ satura/ xp/ xp trac	extra heavy traffic	10	-
norament® stairtreads	heavy traffic	10	_
norament® 920/ 920 stairtreads	special application	10	-
norament® 992/ 992 grano	special application	5	_
noraplan® eco/ environcare™/ lona/ sentica/ stone/ unita/ valua	commercial traffic	5	-
noraplan® acoustic products: environcare™/ sentica	commercial traffic	5	-
noraplan® ed products: environcare™/ sentica	commercial traffic	5	10
noraplan® nTx products: eco/ environcare™/ lona/ sentica/ unita/ valua	commercial traffic	5	=

#### nora® nTx limited warranty

warranty coverage: nora systems, Inc. ("nora"), warrants nora® nTx when used in conjunction with nora® nTx 020, including the bond and resistance to moisture and/or high alkalinity for a period of (10) ten years from the date of purchase by the buyer and/or end user, whichever is first, provided all nora nTx and nora nTx storage, preparation, installation and usage directions are followed.

nora will repair or replace defective areas of the nora nTx and pay the reasonable labor and material costs to remove, repair or replace the defective areas of the nora nTx, provided the buyer or end user complies with the terms of this limited warranty. nora nTx must be applied in strict accordance with nora's written nora® nTx Installation Guide. Please contact nora systems, Inc., for the current version or go to www.nora.com website, as it 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 nora nTx 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; concrete slabs that have ASR (Alkali Silica Reaction) present, hydrostatic pressure, structural failure, inadequate subfloor, or improper subfloor preparation including failure to remove any bond breaking contaminates; 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, damage by a third party; failure to comply with our nora nTx Installation Guide and any other written instructions, applicable building codes and regulations, and other standard industry practices; variations of color, shade or texture from those shown on samples, product packaging or any other marketing materials; any changes due to exposure to sunlight and age; 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 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 thirty (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 will 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 its conflict of law rules.

Supersedes all previous information. Effective August 2017.

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