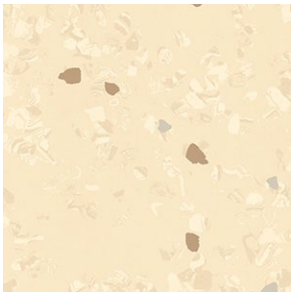
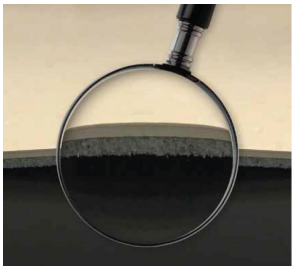
noraplan **environcare acoustic**

Acoustic backed rubber sheet flooring in a design combining a changing base color of three harmoniously matched color components and characteristic granules with a smooth surface. Provides a footfall sound absorption improvement of ΔLw 20 dB.





Product Construction Specifications

Product: noraplan environcare™ acoustic resilient floor covering, Article 1420

Material Composition: nora® vulcanized rubber compound 915 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium, or mercury

Material Size: 12 m by 1.22 m (~39.37 ft by 48 in)

Thickness: 4 mm (~0.16 in)

Dimensional Stability: Meets requirements

Construction: Homogeneous rubber compound with a random scattered design

Colors: 12 Standard

Surface: Smooth

Performance Standards

Flammability (E648/NFPA 253): ≥ 0.45 watts/sq cm for Class 1 is required	NBSIR 75 950, 1.08
Smoke Density (ASTM E662): < 450 is required	NBS, 299 (flaming) and 153 (non-flaming)
Surface Burning (CAN/ULC-S102.2):	FSC1 of 130 and SD of 525
Slip Resistance (ASTM D2047): ≥ 0.5 is required	Static coefficient of friction, Neolite dry 1.0 Neolite wet 0.90
Bacteria Resistance (ASTM E2180/ASTM G21):	Resistant to bacteria, fungi, and micro-organism activity
Sound Absorption (ASTM E2179/ISO 10140-3):	ΔIIC 23, ΔLw 20 dB (compare only Δ values)
Hardness (ASTM D2240): ≥ 85 is required	Shore type A, 92
Static Load (ASTM F970): ≤ 0.005 in with 250 lbs is required	Residual compression of 0.003 in with 800 lbs
Rolling Load Limit (ASTM F2753):	≤ 450 lbs/sq in; no forklift traffic
Abrasion Resistance (ASTM D3389): ≤ 0.035 oz (1.0 g) is required	1.1 lbs (500 g) load on H-18 wheel with 1000 cycles, 0.006 oz (0.16 g) weight loss
Oil & Grease Resistance (ISO 26987):	No

Health + Environmental Specifications

Embodied Carbon (Cradle to Gate): 8.5 kg CO_2e/m^3

Total Recycled Content (Pre Consumer): 29%

Indoor Air Quality: GREENGUARD Gold Certified for low VOC emissions in compliance with CDPH 01350

Discloser of Environmental Impact: Environmental Product Declarations (EPDs)

LEED v4: Contributes to multiple IEQ and MR credits

Material Composition: Free of added formaldehyde, heavy metals and ortho-phthalates, fluorinated chemicals (PFAS), and halogenated flame retardants

Production Plant Certifications: ISO 9001:2000, ISO 14001

Installation

Site Conditions: The installation area must be fully enclosed, weather tight, and climate controlled between 63°F and 75°F and 40% to 60% ambient relative humidity (RH) for at least 48 hours prior, during and 72 hours after installation.

Adhesive:
- Absorptive substrates: use nora® AC MR95™ or nora dryfix™ 750 adhesives
- Nonabsorptive substrates: use nora dryfix 750 adhesives

Unique Characteristics:
- Good for heavy traffic
- Superior footfall sound absorption
- Superior slip resistance
- High fire-retardant properties
- Monolithic seamless installation with coordinating weld
- Welding required

For complete installation instructions refer to the nora Installation Instructions.

Care and Cleaning

No finishes/coatings or harsh chemicals necessary. A post-installation cleaning must be performed before the area is occupied. Refer to the nora Maintenance Guidelines.

Wheel Types

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

Storage

nora flooring can be stored within a temperature range of -5˚F (-21˚C) to 120˚F (49˚C) under the following conditions: Pallets must remain intact with sheet goods standing on end, undamaged, not be stacked, be in a permanently dry environment, and with no direct sunlight. However, all adhesives and cold weld must remain at room temperature without freezing.

Warranty

Limited 15-year warranty. Refer to the nora Limited Warranty - Americas.

Current nora Installation Instructions, Guide Specifications, Maintenance Guidelines, and Limited Warranties, can be found at www.nora.com.

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