

# noraplan environcare

Rubber sheet and tile flooring in a design combining a changing base color of three harmoniously matched color components and characteristic granules with a smooth surface.



## Product Construction Specifications

Product: noraplan environcare™ 2 mm resilient floor covering, Articles 1462 (sheet) and 2462 (tile)

Material Composition: nora® vulcanized rubber compound 913 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium, or mercury

Material Size:

- Sheet: 15 m by 1.22 m (~49.21 ft by 48 in)
- Tile: 610 mm by 610 mm (~24.015 in by 24.015 in)

Thickness: 2 mm (~0.08 in)

Dimensional Stability: Meets requirements

Construction: Homogeneous rubber compound with a random scattered design

Colors: 48 Standard

Surface: Smooth

## Performance Standards

Flammability (E648/NFPA 253): ≥ 0.45 watts/sq cm for Class 1 is required	NBSIR 75 950, 0.97
Smoke Density (ASTM E662): < 450 is required	NBS, 70 (flaming) and 41 (non-flaming)
Surface Burning (CAN/ULC-S102.2):	FSC1 of 125 and SD of 370
Slip Resistance (ASTM D2047): ≥ 0.5 is required	Static coefficient of friction, Neolite dry 0.93 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 12, ΔLw 8 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, 0.008 oz (0.24 g) weight loss
Oil & Grease Resistance (ISO 26987):	No

## Health + Environmental Specifications

Embodied Carbon (Cradle to Gate): 5.87 kg CO<sub>2</sub>e/m<sup>3</sup>

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

Discloser of Environmental Impact: Environmental Product Declarations (EPDs)

Disclosure of Product Ingredients: Health Product Declarations (HPDs)

Additional Certification and Transparency Documentation: Cradle to Cradle Certified® Silver; Greenhealth Approved.

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 not required, unless specified

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](http://www.nora.com).

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