

norament[®] 920 stairtreads

STAIR TREADS

Rubber stairtreads for special fire requirements, one-colored, classic round surface consisting of stair nosing, riser and tread in a single piece.

- Good for very heavy traffic
- Free of PVC, plasticizers (phthalates) and halogens (chlorine)
- Increased safety thanks to high fire-retardant properties
- Ideal flooring for emergency exits and stairways
- IMO and SOLAS Certified
- Compliant with ASTM E136
- Meets Class “A” ASTM E84
- For use in egress areas above 75 feet according to International Building Code (IBC)



Product Data

Product	norament [®] 920 4.5mm stair treads, Article 465
Description	nora [®] vulcanized rubber compound 920 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury.
Characteristics	Material Dimensions: Length: 50.59 inches (1285mm) Depth: 19.88 inches (505mm) Nosing Height: 1.77 inches (45mm) Thickness: 0.18 inches (4.5mm) Dimensional Stability: Meets requirements Composition: Homogeneous rubber compound Colors: 4 Standard Surface: Round and smooth

Technical Data

Static Load Limit	ASTM F970, Residual compression of 0.005” with 800 lbs. ≤ 0.005” with 250 lbs. is required
Slip Resistance	ASTM D2047 Static coefficient of friction, Neolite dry 0.85 Neolite wet 0.76 ≥ 0.5 is required
Tunnel Test	ASTM E84, 15 (flame) and 300 (smoke) Class A
Flammability	ASTM E648; NFPA 253; NBSIR 75 950, 0.94 Class 1, ≥ 0.45 watts/sq. cm is required
Smoke Density	ASTM E662; NFPA 256; NBS, 272 (flaming) and 167 (non-flaming) < 450 is required

Bacteria Resistance	ASTM E2180 and ASTM G21, resistant to bacteria, fungi, and micro-organism activity
Sound Absorption	ASTM E2179;ISO 140, Δ IIC 13, Lw13dB (compare only Δ values)
Hardness	ASTM D2240, Shore type “A”, 91 achieved, ≥ 85 is required
CAN/ULC-S102.2	Surface Burning, FSC1 of 5 and SD of 30

Environmental Attributes

Manufactured Without	PVC (polyvinyl chloride) Plasticizers (phthalates) Halogens (chlorine)
Production Plant Certifications	ISO 9001:2000 ISO 14001
VOC Emissions	GREENGUARD Gold Certified for Low VOC Emissions CA 01350 Compliant

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	Use nora® stepfix adhesive for all substrates
Unique Characteristics	Meets Class “A” for ASTM E84 No nose caulking required with most installations Visually impaired strips require the use of nora epoxy nose filler

For complete installation instructions, refer to the nora® Installation Guide.

Care and Cleaning

A post-installation cleaning must be performed before the area is occupied.

Refer to the nora® Maintenance Guides.

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 shall remain intact, 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 10-year warranty. See nora® Limited Warranty.

For current nora® Installation Guides, Guide Specifications, Maintenance Guides, and Limited Warranties, please visit www.nora.com/us.

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