norament® 920 stair treads

STAIR TREADS

Rubber stair treads 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

<table>
<thead>
<tr>
<th>Product</th>
<th>norament® 920 4.5mm stair treads, Article 465</th>
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<tbody>
<tr>
<td>Description</td>
<td>noram® vulcanized rubber compound 920 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury.</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Load Limit</th>
<th>ASTM F970, Residual compression of 0.005&quot; with 800 lbs. ≤ 0.005&quot; with 250 lbs. is required</th>
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<tbody>
<tr>
<td>Slip Resistance</td>
<td>ASTM D2047 Static coefficient of friction, Neolite dry 0.85 Neolite wet 0.76 ≥ 0.5 is required</td>
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<tr>
<td>Tunnel Test</td>
<td>ASTM E84, 15 (flame) and 300 (smoke) Class A</td>
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<tr>
<td>Flammability</td>
<td>ASTM E648; NFPA 253; NBSIR 75 950, 0.94 Class 1, ≥ 0.45 watts/sq. cm is required</td>
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<tr>
<td>Smoke Density</td>
<td>ASTM E662; NFPA 256; NBS, 272 (flaming) and 167 (non-flaming) &lt; 450 is required</td>
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</table>
Bacteria Resistance  ASTM E2180 and ASTM G21, resistant to bacteria, fungi, and micro-organism activity
Sound Absorption  ASTM E2179; ISO 140, ∆ IIC 13, Lw13dB (compare only ∆ 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

<table>
<thead>
<tr>
<th>Manufactured Without</th>
<th>PVC (polyvinyl chloride)</th>
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<tbody>
<tr>
<td></td>
<td>Plasticizers (phthalates)</td>
</tr>
<tr>
<td></td>
<td>Halogens (chlorine)</td>
</tr>
<tr>
<td>Production Plant Certifications</td>
<td>ISO 9001:2000</td>
</tr>
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<td></td>
<td>ISO 14001</td>
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<tr>
<td>VOC Emissions</td>
<td>GREENGUARD Gold Certified for Low VOC Emissions</td>
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<tr>
<td></td>
<td>CA 01350 Compliant</td>
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### 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.


*Updated: November 2018*