

# norament arago stairtreads

One-piece rubber stair covering includes stair nosing, riser, and tread and are built to fit straight steps with an angled edge. Monochrome with a hammered surface. Flat, direction-oriented relief structure with a fine grain design and modern marbling. No two stair treads are the same design – each one is totally unique.



## Product Data

Product: norament® arago™ stairtreads, Articles 3170, 3171, and 3172

Description: nora® vulcanized rubber compound 926 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium, or mercury

### Material Dimensions:

- Length:
  - Article 3170: 50.59 inches (1285 mm)
  - Article 3171: 63.54 inches (1614 mm)
  - Article 3172: 78.89 inches (2004 mm)
- Depth: 19.88 inches (505 mm)
- Nosing Height: 1.77 inches (45 mm)

Thickness: 0.20 inches (5.0 mm)

Dimensional Stability: Meets requirements

Composition: Homogeneous rubber compound

Colors: 6 Standard

Surface: Relief structure and smooth

## Technical Data

ASTM F2169:	Type TS, Class 2, can be Group 1 and/or 2 and Grade 2
Flammability (ASTM E648/NFPA 253): ≥ 0.45 watts/sq. cm for Class 1 is required	NBSIR 75 950, 0.92
Smoke Density (ASTM E662/NFPA 258): < 450 is required	NBS, 267 (flaming) and 130 (non-flaming)
Surface Burning (CAN/ULC-S102-2):	FSC1 of 70 and SD of 470
Slip Resistance (ASTM D2047): ≥ 0.5 is required	Static coefficient of friction, Neolite dry 0.81 Neolite wet 0.87
Bacteria Resistance (ASTM E2180/ASTM G21):	Resistant to bacteria, fungi, and micro-organism activity
Sound Absorption (ASTM E2179/ISO 10140-3):	ΔIIC 11, ΔLw 11dB (compare only Δ values)
Hardness (ASTM D2240): ≥ 70 is required	Shore type "A", 82
Static Load (ASTM F970): ≤ 0.005 inches with 250 lbs. is required	Residual compression of 0.005 inches with 800 lbs.
Abrasion Resistance (ASTM D3389): ≤ 0.035 oz. (1.0g) is required	1.1 lbs. (500g) load on H-18 wheel with 1000 cycles, 0.002 oz. (0.05g) weight loss
Oil & Grease Resistance (EN/ISO 26978):	Pass

## **Environmental Attributes**

Carbon: All flooring products 3rd party verified carbon neutral throughout their entire life cycle through the Interface Carbon Neutral Floors™ program. Learn more at [www.interface.com/carbonneutral](http://www.interface.com/carbonneutral).

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

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

Transparency: Environmental Product Declarations (EPDs) and Health Product Declarations (HPDs) available for all standard norament and noraplan® floor coverings. Learn more at [www.nora.com](http://www.nora.com).

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:

- Use nora® stepfix™ 240 adhesive for all substrates

Unique Characteristics:

- Good for very heavy traffic
- Superior footfall sound absorption
- Superior slip resistance
- High fire-retardant properties
- Visually Impaired (VI) strips available (the use of nora epoxy nose filler required)
- No nose caulking required with most installations
- With steps that are wider than the stair treads (~ 6 feet) it will be necessary to join sections together. nora recommends staggered fitting (ashlar) of the cuts from one step to the next. The factory ends are cut straight and trimmed to fit. The joints must be adhered using a cyanoacrylate adhesive (i.e. super glue).

For complete installation instructions refer to the nora Installation Instructions.

## **VI Strip Option**

Product: PERMALIGHT® Photoluminescent Anti-Slip Tape, Art. 0826

Description: Slightly structured anti-slip surface tape with self-adhesive backing. Textured, smooth and photoluminescent VI strips may be pre-installed into any of our one-piece stair covers for an additional charge.

Sizes:

- Material #: 503027 1-inch wide x 79-feet long
- Material #: 503038 2-inches wide x 52-feet long

Compliances:

- UL1994 (CC-AST)
- UL410
- IBC (International Building Code)
  - Section 1024 (2009, 2012 editions)
  - Section 1025 (2015, 2018 editions) “Luminous Egress Path Markings”
- IFC (International Fire Code)

Photoluminescence Activation:

- 1 foot-candle (11 lux) of LED lighting OR
- 1 foot-candle (11 lux) of fluorescent lighting OR
- Ambient daylight (unrelated to code compliance)



## **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  $\leq$  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 Product Warranty - Americas.

Current nora Installation Instructions, Guide Specifications, Maintenance Guidelines, and Product Warranties, can be found at [www.nora.com](http://www.nora.com).

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