

### Vinyl Stair Nosings

#### 1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 **Proprietary Product:** Resilient Vinyl Stair Nosings A.D.A., Visually-Impaired, and California Title 24 Compliant.

1.2 **Manufacturer:**

Johnsonite, Inc.,  
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1.3 **Proprietary Product Description:**

1.3.1 **Construction:** Johnsonite Vinyl Stair Nosings are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants to meet the performance requirements of ASTM F-2169 Standard Specification for Resilient Stair Treads, Type TV, Class 1 and 2, Group 1 and 2. Johnsonite Vinyl Stair Nosings are available with a 2" (5.08 cm) wide co-extruded strip of contrasting color to comply with A.D.A., Visually-Impaired, and California Title 24 Accessibility requirements. Standard formulation exceeds ASTM E 648 Class 1 Flammability requirements. Johnsonite Vinyl Stair Nosings are designed for interior applications only and not recommended for commercial kitchen environments.

1.3.2 **Styles:**

**Visually-Impaired**

**VIRCN-XX-A** Visually Impaired Recessed Vinyl Stair Nosing, 2" (5.08 cm) hinged square nose configuration, 3-1/8" (7.94 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet, for solid color without co-extruded color strip specify **SRCN-A**

**VIRCN-XX-B** Visually Impaired Recessed Vinyl Stair Nosing, 2" (5.08 cm) hinged square nose configuration, 3" (7.62 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, undercut for 1/8" (3.17 mm) resilient or 3/16" (4.76 mm) butt with lip removed, for 2" contrasting color grit strip specify **VIRCN-B2**, for solid color without co-extruded color strip specify **SRCN-B**

**VITSN-XX-** Visually Impaired Top Set Vinyl Stair Nosing 2" (5.08 cm) square nose configuration, 3" (7.62 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, top-setting on concrete, steel, and wood steps to enhance visibility

**VIVCD-XX** Visually Impaired Double Undercut Carpet Vinyl Stair Nosing, 2" (5.08 cm) hinged square nose configuration 3-3/16" (8.10 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet on step and riser, for solid color without co-extruded color strip specify **SVCD**

**Non Visually-Impaired**

**DTN-XX** Top Set Vinyl Stair Nosings for residential use, 1-3/4" (4.45 cm) square nose with 1-3/4" (4.45 cm) tread depth

**VCD** Double Undercut Carpet Vinyl Stair Nosing, 1-5/16" (2.85 cm) tread depth, 1-9/16" (3.10 cm) hinged square nose configuration, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet on step and riser.

**RCN-XX-A** Undercut Carpet Vinyl Stair Nosing, 1-15/16" (4.92 cm) tread depth, 2" (5.08 cm) hinged square nose configuration, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet

**RCN-XX-B** Recessed Vinyl Stair Nosing, 3" (7.62 cm) tread depth with ribbed surface, 2" (5.08 cm) hinged, square nose configuration, undercut for 1/8" (3.18 mm) material

**SVCD-XX-A** Double Undercut Carpet Vinyl Stair Nosing, 3-1/8" (7.93 cm) tread depth, 1-1/2" (3.81 cm) hinged square nose configuration, undercut for 3/8" (9.53 mm) carpet on step and riser.

**SRCN-XX-C** Recessed Vinyl Stair Nosing, 2" (5.08 cm) hinged, square nose configuration, 3-1/8" (7.94 cm) tread depth, undercut for 3/8" (9.53 mm) carpet on step

**VDL-XX-SQ** 2-1/16" (5.24 cm) treads depth, 2" (5.08 cm) hinged square nose configuration, butt edge for 1/8" (3.17 cm) resilient materials.

**VDL-XX-RD** 1-1/2" (3.75 cm) diameter round nose configuration, 2-1/16" (5.24 cm) tread depth, butt edge for 1/8" (3.17 cm) resilient materials

1.3.3 **Physical Characteristics:**

Lengths: 12 ft. (3.66 m), Packaging: 120 ft. (39.58 m) per carton, except VI and SRCN-A 72 ft. (21.95 m); VI and SVCD 60 ft (18.29 m); SVCD-A and SRCN-C 48 ft. (14.6 m)

#### 2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1 **Hardness:** ASTM D 2240 - Not less than 85 Shore A

2.2 **Abrasion Resistance:** ASTM D 3389, < 1.00 gram weight loss

2.3 **Slip Resistance** - ASTM D 2047 - Exceeds Federal Standards and ADA recommendations of .6 for flat surfaces

2.4 **Fire Resistance:**

2.4.1 ASTM E 648/NFPA 253 (Critical Radiant Flux) - Class 1

### 3. INSTALLATION

3.1 The installation of Johnsonite Vinyl Stair Nosings should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive stair nosings shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 70°F for 24 hours before, during, and after the installation is completed. The stair nosings and adhesives shall be conditioned in the same manner. Stair steps shall be smooth, flat, permanently dry, clean and free of all foreign material, such as dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue. Stair Nosings may be installed on any smooth, dry interior step. Do not install on exterior steps subject to weather. Stair shape shall conform closely to stair nosing contour. An epoxy caulking nose filler shall be applied to ensure a tight fit and eliminate any open spaces between the step edge and stair nosing. Stair Nosings shall be trimmed to within 1/16" of the stringer to allow for expansion. Adhesives shall be applied per Johnsonite's instructions. The stair nosing shall be bonded directly to the tread plate and riser portions of the stair step surfaces. **Do not overlap the nosing over resilient riser material.** Stair Nosings shall be rolled, with a J-hand roller, after installation, to ensure proper bonding.

#### 3.2 Adhesives:

##### Johnsonite #945 Contact Bond Adhesive

Application: Brush or roller

Coverage: Approx. 360 sq ft/gal

##### Johnsonite #930 Two-Part Epoxy Caulking Compound

Application: Gun, knife, or 13-1/2 ounce cartridge

Coverage: Approx. 250 linear ft/gallon of mixture

Johnsonite #530 **dual-cartridge dispenser gun** required with cartridge, Approx. 50 linear feet of 1/4" diameter bead with 13-1/2 ounce cartridge

**Installation Manual:** Refer to Johnsonite Stair Tread, Nosing, Riser, and Stringer Installation Instructions for complete installation details.

### 4. AVAILABILITY AND COST

4.1 Available through authorized Johnsonite distributors nationwide.

### 5. WARRANTY

5.1 Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

### 6. MAINTENANCE

6.1 Refer to Johnsonite Stair Tread, Nosing, Riser, and Stringer Installation Instructions for complete maintenance details.

### 7. TECHNICAL SERVICES

7.1 Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

7.2 For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at [www.johnsonite.com](http://www.johnsonite.com) or contact Johnsonite at 1-800-899-8916.