

Wheeled Traffic Transitional Mouldings

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 Proprietary Product: Resilient Wheel Traffic Transitional Mouldings A.D.A. Compliant

1.2 Manufacturer:

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1.3 Proprietary Product Description

1.3.1 **Construction:** Johnsonite Wheel Traffic Transitional Mouldings are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants. All Wheel Traffic Transitional Mouldings comply with A.D.A. requirements of Section 4.5.2 Changes of Level. Standard formulation exceeds ASTM E 648 Class 1 Flammability requirements. Johnsonite Wheel Traffic Transitional Mouldings are designed for interior applications only and not recommended for commercial kitchen environments.

1.3.2 Styles

CTA-XX-H: 1/4" (6.35 mm) to 1/8" (3.18 mm) material, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patented wheel traffic design (1:13 slope), U.S. Patent #5,581,967

CTA-XX-HL: 1/4" (6.35 mm) to 1/8" (3.18 mm) material, 4" (10.16 cm) cap with 3-1/4" (8.26 cm) wide support base, Patented wheel traffic design (1:20 slope), U.S. Patent #5,581,967

CTA-XX-HT: 1/4" (6.35 mm) to .080" (2.0 mm) material, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patented wheel traffic design (1:10 slope), U.S. Patent #5,581,967

CTA-XX-J: 1/4" (6.35 mm) material to floor, 2-1/2" (6.35 cm) cap with 2-1/8" (5.4 cm) wide support base, Patent pending wheel traffic design (1:7 slope)

CTA-XX-JL: 1/4" (6.35 mm) material to floor, 4" (10.16 cm) cap with 3-5/8" (9.21 cm) wide support base, Patent pending wheel traffic design (1:11 Slope)

CTA-XX-K: 3/8" (9.53 mm) to 1/8" (3.18 mm) materials, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patented wheel traffic design (1:8 slope), U.S. Patent #5,581,967

CTA-XX-L: 3/8" (9.53 mm) to 1/4" (6.35 mm) material, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patented wheel traffic design (1:12 slope), U.S. Patent #5,581,967

CTA-XX-M: 1/4" (10.16 cm) to 1/4" (10.16 cm) material, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patent pending wheel traffic design (no slope)

CTA-XX-N: 1/8" (3.17 cm) to 1/8" (3.17 cm) material, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patent pending wheel traffic design (no slope)

CTA-XX-P: 3/8" (9.53 mm) material to floor, 2-1/2" (6.35 cm) cap with 2-1/8" (5.4 cm) wide support base, Patent pending wheel traffic design. (1:5 slope)

CTA-XX-PL: 3/8" (9.53 mm) to floor, 4" (10.16 cm) cap with 3-5/8" (9.2 cm) wide support base, Patent pending wheel traffic design (1:9 slope)

CTA-XX-Q: 1/2" (12.7 mm) to floor, 4" (10.16 cm) cap with 3-5/8" (9.2 cm) wide support base, Patent pending wheel traffic design (1:7 slope)

CTA-XX-X: 1/8" (3.17 mm) to .080" (2 mm) material, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patent pending wheel traffic design (1:50 slope)

CTA-XX-Y: .080" (2 mm) to .080" (2 mm) material, 2-1/2" (6.35 cm) cap with 1-3/4" (4.45 cm) wide support base, Patent pending wheel traffic design (no slope)

CTA-XX-Z: 3/8" (9.53 mm) to .080" (2 mm) material, 2-1/2" (10.16 cm) cap with 1-3/4" (9.2 cm) wide support base, Patent pending wheel traffic design (1:8 slope)

1.3.3 Physical Characteristics

Length: 12 ft. (3.66 m)

Packaging: 10 lengths [120 ft. (36.58 m)] per carton, except CTA-HL and CTA-Q = 5 lengths [60 ft. (18.3 m)] per carton; CTA-PL = 6 lengths [72 ft. (21.9 m)] per carton.

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 - 0.22 mg/cycle

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

2.4 Fire Resistance:

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

3. INSTALLATION

3.1 The installation of Johnsonite Wheel Traffic Transitional Mouldings should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive wheel traffic transitional mouldings shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 65°F for 24 hours before, during, and after the installation is completed. The wheel traffic transitional mouldings and adhesives shall be conditioned in the same manner. The floor surface shall be smooth, flat to within 1/8" in 10 ft., 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. Do not install on exterior surfaces subject to weather. Many of the wheel traffic transitional mouldings may be formed in a radius. Johnsonite recommends a radius of not less than 6 feet or greater pending on the cross-sectional profile of the moulding. An actual test should be performed with the moulding to ensure conformance to the application. Wheel Traffic Transitional Mouldings shall be rolled, with a J-hand roller, after installation, to ensure proper bonding.

3.1 Adhesives:

3.1.1 Johnsonite #965 Flooring & Tread Adhesive (water-resistant)

Porous Substrates: 1/16" square-notched trowel (Approx. 125 sq ft /gal)

Non-Porous Substrates: 1/16" V-notched trowel (Approx. 145 sq ft /gal)

Important: This adhesive is substrate porosity sensitive. Determine if the substrate is porous or non-porous prior to application of the adhesive and installation of the flooring products and follow the appropriate instructions.

3.1.2 Johnsonite #996 Two-Part Epoxy Adhesive (water-proof applications)

Application: 1/16" square notched trowel (Approx. 150 sq. ft/gal)

3.1.3 Johnsonite #975 Two-Part Urethane Adhesive (water-proof applications)

Application: 1/16" square notched trowel (Approx. 150 sq. ft/gal)

3.2 Installation Manual: Refer to Johnsonite Resilient Mouldings 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 Resilient Mouldings 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 or contact Johnsonite at 1-800-899-8916.