

Corner Bumper Guards

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 **Proprietary Product:** Resilient Vinyl and Lexan Corner Bumper Guards

1.2 **Manufacturer:**

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

1.3.1 **Construction:** Johnsonite Resilient Vinyl Corner Bumper Guards are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants. Johnsonite Lexan Corner Bumper Guards are manufactured from General Electric's "Lexan" polycarbonate material. Both formulations exceed ASTM E 648 Class 1 Flammability requirements. Johnsonite Corner Bumper Guards are designed for interior applications only.

1.3.2 **Styles**

Resilient Vinyl Corner Bumper Guard Styles:

VBG-XX: 90° angular shaped profile with 2-3/8" (6.03cm) return legs. Legs taper from 5/16" (7.94mm) at nose to 1/16" (1.57mm) at tip

VBG-XX-A: 90° angular shaped profile with 1-1/2" (3.81cm) return legs, 1/8" (3.18mm) leg thickness

VBG-XX-B: 90° angular shaped profile with 3/4" (1.91cm) return legs, 1/8" (3.18mm) leg thickness

VBG-XX-C: 90° angular shaped profile with 1-1/4" (3.18cm) return legs, 1/4" (6.35mm) leg thickness

Lexan Corner Bumper Guard Styles:

L90° - JG4 (or 8)34: 90° angular shaped profile with 3/4" (1.91cm) returns, screw mounted

L90° - JG4 (or 8)118: 90° angular shaped profile with 1-1/8" (2.86cm) returns, screw mounted.

L90° - JG4 (or 8)112: 90° angular shaped profile with 1-1/2" (3.81cm) returns, screw mounted.

L90° - JG4 (or 8)200: 90° angular shaped profile with 2" (5.08cm) returns, screw mounted

L90° - JG4 (or 8) 212: 90° angular shaped profile with 2-1/2"

(6.35cm) returns, screw mounted. (Also available in 90° bull nose, 45°, 135°, and dual 135° return.)

L90° - RSS48: 90° angular shaped profile with 3/4" (1.91cm) returns, pressure sensitive tape backing

L90° - RSS96: 90° angular shaped profile with 1-1/8" (2.86cm) returns, pressure sensitive tape backing

1.3.3 **Physical Characteristics:**

Lengths and Packaging:

VBG-XX – A, B and C: 4 ft (1.22m) lengths - 8 lengths per carton, 8 ft (2.44 m) - 8 lengths per carton

L90° - JG434: 4 ft. (1.22m) - 36 lengths per carton

L90° - JG834: 8 ft. (2.44m) - 10 lengths per carton

L90° - JG4118: 4 ft. (1.22m) - 24 lengths per carton

L90° - JG8118: 8 ft. (2.44m) - 10 lengths per carton

L90° - JG4112: 4 ft. (1.22m) - 10 lengths per carton

L90° - JG8112: 8 ft. (2.44m) - 10 lengths per carton

L90° - JG4200: 4 ft. (1.22m) - 10 lengths per carton

L90° - JG8200: 8 ft. (2.44m) - 10 lengths per carton

L90° - JG4212: 4 ft. (1.22m) - 10 lengths per carton

L90° - JG8212: 8 ft. (2.44m) - 10 lengths 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 **Fire Resistance:**

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

2.5 ASTM E 84/NFPA 255 (Flame/Smoke) – Class B, < 450

3. INSTALLATION

3.1 The installation of Johnsonite Corner Bumper Guards should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive corner bumper guards 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 corner bumper guards and adhesives shall be conditioned in the same manner. The wall surface 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. Do not install on exterior surfaces subject to weather. Corner Bumper Guards shall be securely adhered to the wall and installed per the manufacturer's recommended instructions.

3.1.1 Adhesives:

Porous and Nonporous Substrates:

Johnsonite #945 Contact Bond Adhesive

Application: Brush or roller

Coverage: Approximately 360 sq. ft/gallon

Installation Manual: Refer to Johnsonite Resilient Chair Rail Moulding 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 Manual 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.