

**Corner Bumper Guards**

**1. PROPRIETARY PRODUCT/MANUFACTURER**

**1.1. Proprietary Product:** Resilient Vinyl Bumper Guards

**1.2. Manufacturer:**

Johnsonite, Inc.	Phone	(800) 899-8916
16910 Munn Road		(440) 543-8916
Chagrin Falls, Ohio 44023	Tech:	Ext 9297
Web: <a href="http://www.johnsonite.com">www.johnsonite.com</a>	Samples:	Ext 9299
Email: <a href="mailto:info@johnsonite.com">info@johnsonite.com</a>	Fax:	(440) 543-8920

**1.3. Proprietary Product Description**

**1.3.1. Construction:** Johnsonite Resilient Vinyl Corner Bumper Guards are manufactured from a homogeneous composition vinyl polymer, high quality additives, and colorants. 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

**1.3.3. Physical Characteristics:**

**Lengths and Packaging:**

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

VBG-XX-C: 8 ft (2.44 m) lengths - 10 lengths per carton

**2. PRODUCT PERFORMANCE AND TECHNICAL DATA:**

- **Hardness** - ASTM D 2240 - Not less than 85 Shore A
- **Abrasion Resistance** - ASTM D 3389 - 0.22 mg/cycle
- **Fire Resistance:**
  - ASTM E 648/NFPA 253 (Critical Radiant Flux) - Class 1
  - ASTM E 84/NFPA 255 (Flame/Smoke) – Class B, < 450

**3. INSTALLATION**

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. Adhesives:**

**946 Premium Contact Adhesive**

Application: Brush or roller

Approximate coverage:

1 kg Unit (0.95 Qt.) – 24 to 36 Sq. Ft. per Unit

6 kg Unit (1.44 Gal.) – 144 to 215 Sq. Ft. per Unit

**3.2. Installation Manual:** Refer to Johnsonite Resilient Chair Rail Moulding Installation Instructions for complete installation details.

**4. AVAILABILITY AND COST:**

Available through authorized Johnsonite distributors nationwide.

**5. WARRANTY**

Limited 2 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

**6. MAINTENANCE**

Refer to Johnsonite Resilient Mouldings Installation Manual for complete maintenance details.

**7. TECHNICAL SERVICES:**

**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.

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.