

# STUCCO & PLASTER ACCESSORY SPECIFICATIONS

## 1. PRODUCT NAME

RIGID VINYL  
STUCCO & PLASTER  
WALL AND CEILING ACCESSORIES

Rigid Vinyl also known as PVC (Unplasticized Polyvinyl Chloride)

## 2. MANUFACTURER

Vinyl Corp.™  
8000 N.W. 79th Place  
Miami, Florida 33166  
Phone: 305/477-6464  
Fax: 305/477-4108  
National Watts:  
800/648-4695

## 3. PRODUCT DESCRIPTION

Stucco & plaster wall and ceiling accessories are manufactured by Vinyl Corp.™, using weatherable grade, lead free, virgin vinyl compounds, formulated and tested for exterior use.

**Stucco & Plaster Accessories:** Corner Beads, Bullnose Corner Beads, Casing Beads, Bullnose Casing Beads, Control Joints, "F" Control Joints, Corner Control Joints, Expansion (Slip) Joints, Channel Reveals, factory fabricated Channel Reveal Intersections, "F" Channel Reveals, Soffit Vents, Shadow Reveals, Vented Shadow Reveals, Drip Reveals, Vented Drip Reveals, Corner Expansion (Slip) Joints, Weep Screeds and other miscellaneous vinyl accessories.

**Weatherability:** Rigid vinyl compounds used by Vinyl Corp.™ have been formulated to withstand the elements. Physical properties and color are not adversely affected by exposure to ultraviolet (UV) light from the sun. Vinyl Corp.™ accessories do not contain plasticizers which could migrate to the surface, and are designed and manufactured to perform in cold or warm climates and in locations where sudden large temperature changes are encountered.

**Corrosion Resistance:** Vinyl accessories are impervious to rust, corrosion, galvanic corrosion, electrolysis, corrosive coastal areas, and are not affected by masonry cement additives, magnesium oxychloride cements, or calcium chloride additives.

**Solid Color:** Standard color is white.

**Paint Adhesion Properties:** Excellent, no priming is required.

**Ignition Resistance:** Rigid vinyl is self extinguishing, and will not continue to support combustion once flame source is

removed, therefore it will not cause a fire to re-start or spread. It offers better resistance to burning than many other common building materials.

**Electrical Conductivity:** Rigid vinyl possesses low electrical conductivity.

**Thermal Conductivity:** Rigid vinyl is warm to the touch and has a very low transmission of heat and cold, and it is considered an excellent insulator.

**Expansion and Contraction:** Vinyl Corp.™ wall & ceiling accessories are manufactured with perforations in the flanges to allow stucco or plaster to flow thru and anchor to substrate.

Accessories have hooks in critical areas to assure embedment in stucco or plaster. These factors, along with the fastening of accessories to substrate prior to coating, makes the accessories part of the building unit and therefore will move with it as the temperature changes, consequently the coefficient of expansion of rigid vinyl has little or no bearing on the installation.

**Basic Uses:** To produce durable straight lines, smooth curvatures, arches, soffit ventilation; control expansion contraction, and protect corners and edges.

## 4. TECHNICAL DATA

**Applicable Standards:**  
ASTM D-1784 and D 4216 cell class 13244C

## 5. INSTALLATION

**Applicable Standards:**  
ASTM C-1063  
Installation shall be in accordance with ASTM standards and prevalent industry standards and good practices.

Vinyl accessories shall be fastened by the use of mechanical fasteners and or the use of quality construction adhesive to the substrate in straight lines or smooth curves. When using the adhesive it should be applied as a quarter (coin) size dot spaced at 7" apart, as specified by ASTM1063. **DO NOT APPLY ADHESIVE IN A CONTINUOUS RIBBON ALONG THE LENGTH OF THE VINYL ACCESSORY.** All Butt Joints, intersections, ends and corners shall be caulked at time of installation using an elastomeric caulking.

Consult caulking manufacturer or Vinyl Corp.™ for specific recommendations.

**Limitations:** Contact Vinyl Corp.™ for specific recommendations.

## 6. AVAILABILITY AND COSTS

Vinyl Corp.™ accessories are generally priced lower than equivalent products manufactured in galvanized steel, and substantially lower than zinc or aluminum. Vinyl Corp.™ accessories are in stock and will usually be shipped within 24 hours after receipt of order. Accessories are marketed nationwide through distributors and building supply dealers.

## 7. PACKAGING

275 lb. test, double wall, corrugated boxes.

## 8. Warranty Information

Available upon request.

Note: All size references are nominal dimensions and subject to normal manufacturing tolerances.

All product lengths are 10' unless otherwise stated.

## MATERIAL DATA

MINIMUM PROPERTIES	ASTM	@0°F	@320F	@72°F
Tensile Strength, psi	D-638	8,100	7,500	5,900
Tensile Modulus, psi	D-638	425,000	400,000	360,000
Flexural Strength, psi	D-790	16,500	14,600	11,200
Flexural Modulus, psi	D-790	497,000	470,000	415,000
Izod Impact(ft.-lbs./in.)	D-256	1.1	1.6	3.4
MISCELLANEOUS MINIMUM PROPERTIES	ASTM			@72°F
Heat Distortion Temperature(°F @ 264 psi)	D-648160			
Coefficient of Linear Thermal Expansion (in./in. °F x 10 <sup>-5</sup> )	D-696			3.45
Durometer "D" Hardness				78 <sup>-3</sup>
Specific Gravity				1.46