

DEFS

ACCESSORY SPECIFICATIONS

1. PRODUCT NAME

RIGID VINYL
DEFS
WALL AND CEILING
ACCESSORIES

2. MANUFACTURER

VINYL CORP.
8000 Northwest 79th Place
Miami, Florida 33166
Phone: 305-477-6464
FAX: 305-477-4108
National Watts:
1-800-648-4695
1-800-OH VINYL

3. PRODUCT DESCRIPTION

DEFS, wall and ceiling accessories are manufactured by Vinyl Corp., using lead free, weatherable grade vinyl compounds exclusively, formulated and tested for exterior use.

DEFS Accessories: Corner Beads, Casing Beads, Casing Beads with Drip, Control Joints with Removable Tape and Soffit Vents.

Weatherability: Rigid vinyl compounds used by Vinyl Corp. have been formulated to withstand the elements. Physical properties and color are not 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, it is considered an excellent insulator.

Expansion and contraction: Vinyl Corp. accessories are manufactured with perforations in the flanges to allow matrix to flow thru and anchor to substrate. Accessories have hooks in critical areas to assure embedment in coating. These factors, along with the mechanical 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 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-1784-81 cell class 13244C

5. INSTALLATION

Installation shall be in accordance with DEFS manufacturers standards and specific recommendations.

Vinyl accessories shall be mechanically fastened to substrate in straight lines or smooth curves.

All Butt Joints, intersections and ends shall be caulked.

Consult DEFS manufacturer for sealant 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 be shipped within 24 hours after receipt of order. Accessories are marketed nationwide through distributors and building supply dealers.

7. PACKAGING

275 lbs. test, double wall, corrugated boxes.

8. Warranty Information

Available upon request.

MATERIAL DATA

MINIMUM PROPERTIES	ASTM	@0 °F	@32°F	@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-648			160
Coefficient of Linear Thermal Expansion (in./in. °F x 10 ⁻⁵)	D-696			3.45
Durometer "D" Hardness				78±3
Specific Gravity				1.46

