Accessory Specifications

1. PRODUCT NAME

Rigid Vinyl
Drywall & Veneer
Accessories
Rigid Vinyl also known as PVC
(Unplasticized 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

Drywall & Veneer accessories are manufactured by Vinyl Corp.™, using lead-free, virgin vinyl compounds, formulated to have durability and toughness.

Drywall & Veneer Accessories: Corner Beads, Arch Beads, Bullnose Beads, Bullnose Arch Beads. J-beads, Bullnose J-Beads, Stop Beads, Adjustable Corner Trim, Reveals, L-Beads, Channel Reveal Intersections, "F" Channel Reveals, Partition End Caps, Control Joints, "F" Control Joints, Soffit Vents, and other miscellaneous vinyl accessories.

Durability: They are impervious to corrosion when coated with veneer plaster, wet joint compounds or when placed in contact with steel or aluminum frames. Vinyl accessories do not contain plasticizers which could migrate to the surface.

Impact Resistance: Due to superior impact resistance, rigid vinyl accessories are resistant to dents and kinks of corners and edges, during construction.

Corrosion Resistance: Vinyl accessories are impervious to rust, corrosion, galvanic corrosion, electrolysis, and are not affected by fast setting joint compounds or topping compounds.

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 or cold, and it is considered an excellent insulator.

Expansion and Contraction: Vinyl Corp.™ wall & ceiling accessories are manufactured, when needed, with perforations in the flanges to allow finishing compounds or veneer plaster to flow thru and bond to wallboard. Perforated flanges remain embedded in matrix to reinforce the edges and corners. 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 edges, corners, smooth curvatures, arches and soffit ventilation. To protect and preserve edges of wallboard from impact and condensation.

4. TECHNICAL DATA

Applicable Standards:
ASTM C1047
ASTM D3678 Class 2

Limitations: Not recommended for exterior applications unless noted by exterior ASTM specification number.

5. INSTALLATION

Applicable Standards:
Installation shall be in accordance with ASTM standards and prevalent industry standards and good practices. Vinyl accessories shall be mechanically fastened to substrate in straight lines or smooth curves.

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 thru 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 noted.

MATERIAL DATA

MINIMUM PROPERTIES	ASTM	@0°F	@32°F	@72°F
Tensile Strength, psi	D-638			6,500
Tensile Modulus, psi	D-638			335,000
Flexural Strength, psi	D-790			10,900
Flexural Modulus, psi	D-790			382,000
Izod Impact(ft.-lbs./in.)	D-256			2
MISCELLANEOUS MINIMUM PROPERTIES			**ASTM**	**@72°F**
Heat Distortion Temperature (°F @ 264 psi)			D-648	167
Coefficient of Linear Thermal Expansion (in./in. °F x 10^{-5})			D-696	3.60
Durometer "D" Hardness				83
Specific Gravity				1.47