

Exterior Insulated Finishes

Section: 07240

Product Description

The products in this section are designed to make the EIFS installation process less costly while retaining system integrity. Most of these products have been designed with the help of industry professionals. They are manufactured of high-impact resistant, lead free PVC and conform to ASTM standards D1784 and C1063. All products shall be third party tested to meet ASTM standard D4216 and be Canadian Code Compliant. All products are listed by ITS/Warnock Hersey. They may be used with any insulated system, hard wall system, or fiber-reinforced insulated system.

Basic Use

These products are designed to help eliminate labor intensive practices (such as rasping and back wrapping) and to provide straight and impact-resistant edges. The STARTER TRAC™ with drip edge will stop any moisture from running down the face and back into the system. Starter tracs and casing beads will also eliminate the need to apply finish at the termination point.

A separate line of heavy duty casing beads for the modified "hard coat" cement stucco systems are available. These products are designed for the EPS board to sit in a protective shelf, and allow for either a 1/4" or 1/2" thick stucco to be applied.

Installation

Installation should be in accordance with, and recommendations of system manufacturer, accepted industry standards and local building codes.

Weather Resistance

Ultraviolet Sunlight: Plasticizers and similar chemicals which can migrate to the surface are not present in the PVC formulas used in the manufacturing of PLASTIC COMPONENTS, INC. products covered in this section.

Low Temperatures: All materials, including metals, will gradually harden as temperatures drop. What is impor-

tant, is the ability of the material to function as the temperature drops.

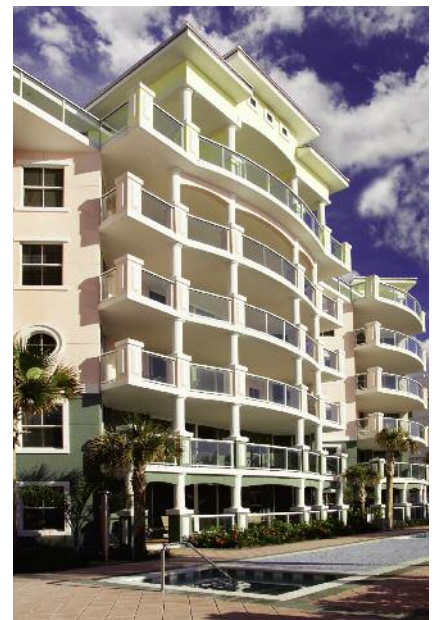
Coefficient of Expansion and Contraction: PVC products are weaker than the materials to which they are attached and the plaster in which they are embedded. Therefore, the products will move with the wall and the plaster they are embedded in, and are not free to express their coefficient of expansion and contraction.

Availability & Cost

PLASTIC COMPONENTS, INC. products for this application offer lower in-place costs than back wrapping and finishing. All products are available from regional warehouses which supply your local wholesale distributor.

Specification

A short form CSI specification is printed on each product sheet. A description is included to assist you in the proper selection of product. ASTM standard specification (copy) is available upon request.



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Physical Characteristics

Material Description: All products are manufactured from PVC compounds conforming to ASTM D1784, cell classification 13244C.

Physical Properties	ASTM Test	at 0°F (-18° C)	at 72°F (22° C)
Tensile Strength, psi	D638	8,100	5,900
Tensile Modulus, psi	D638	425,000	360,000
Flexural Strength, psi	D790	16,500	11,200
Flexural Modulus, psi	D790	497,000	415,000
Izod Impact (ft-lbs/in)	D256	1.1	3.4
Heat Distortion Temp °F 254 psi	D648		160°F
Coefficient of Linear Thermal Expansion (in/in° x 10 ⁵)	D696		3.45
E-84 Fire Tunnel Test			
Flame Spread			18
Fuel Contribution			ND
Smoke Density @ 35 Mils			250
Fire Rating			Class A
Reaction to Stucco or Plaster			None

Maintenance

PVC products have a built in resistance to damage and will return to their original shape when subjected to normal impact. There is no transmission of shock, which means damage is localized to the point of impact. Repairs can be made by returning the product to its original shape and reapplying finish to the damaged area. If cut, the product can be repaired with vinyl cement.

Caulking: Caulking materials bond very well to PVC products. Contact the caulk manufacturer or PLASTIC COMPONENTS, INC. for specific recommendations. Painting: No special preparation necessary.

Warranty

PLASTIC COMPONENTS, INC. warrants that the product contained herein as manufactured by PLASTIC COMPONENTS, INC., when properly applied and used in and for the manner which they are manufactured in accordance with ASTM standards D1784, C1063 and D4216, shall be free from defects and will perform as stated. PLASTIC COMPONENTS, INC. sole responsibility under this warranty shall be for replacement of material only and excluding any labor or installation cost, and for material that is manufactured by PLASTIC COMPONENTS, INC. which has been deemed defective through manufacturing only, and not product which has been damaged during installation, or improperly installed.

Technical Service

For additional assistance or information please call 1-800-327-7077 or contact your local sales representative.

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