



INSTALAM 16

BEDDING/LAMINATING COMPOUND

Product Overview: InstaLam 16, manufactured at the Fort Worth facility, is a gasket sealant that is formulated to provide the elastomeric characteristics of cured rubber with the adhesive characteristics of mastic sealants. InstaLam 16 boasts tremendous weatherability in its solid state, contains zero VOC's, and requires only 30 seconds to reach its solid state upon application.

Product Uses: InstaLam 16 is used almost exclusively as a glass bedding compound and perimeter seal in the manufacture of styrene based door lites. This product can be applied to all planes of the involved structure, can be easily stained or painted over, and can be trimmed with a sharp knife or razor. InstaLam 16 allows the amount of torque applied at the bosses to be sufficient enough to squeeze out scalloping, as there is enough compression resistance to hold a good seal between the frame and the door.

Technical Information:

Raw Material Base.....	Thermal Plastics	Solids by Weight.....	99%
Color.....	Amber, White, Grey	Rebound.....	10.5%
Specific Gravity (As Solid).....	0.9 – 1.0	Slump.....	None
Patents (U.S.).....	4677133, 4764535	Crazing (Acrylic, Polycarbonate).....	None
Patents (Canada).....	B19774CIP/CN	Melt Point, Ring & Ball.....	250°F – 300°F
Peel Strength (Vinyl).....	12 pli	Flash Point.....	>400°F
Peel Strength (Glass, 14 days @180°F)...	10 pli	Odor.....	Neutral
Peel Strength (Styrene).....	12 pli	Vehicle Bleed.....	None
Peel Strength (Polypropylene).....	11.5 pli	Viscosity (350°F).....	20,000 – 37,000 cps

Application Information: InstaLam 16 is designed for use in factory settings and is applied through the use of a hot melt pump. Temperature settings will vary slightly depending on application and environment, please contact Edge Adhesives for temperature and equipment recommendations.

Packaging & Handling: No special handling is required for this product, though storage in a cool, dry area is recommended for maximum shelf life and effectiveness. When properly stored and left in its original packaging, InstaLam 16 boasts an unlimited shelf life. It is available in 55 gallon fiber drums, 5 gallon fiber or metal pails, and in 5 pound bricks packaged in silicone-lined boxes.

Safety Instructions: Use caution when working with machinery and materials at high temperatures. InstaLam 16 should not be exposed to temperatures exceeding 375°F for prolonged periods of time, as this will result in a thermal breakdown of the compound and compromise its performance capabilities.

Contact Us: For more information regarding this product and others, please contact us at:

Edge Adhesives
5117 Northeast Parkway
Fort Worth, TX 76106

Phone: 817-232-2026
Fax: 817-847-5041
www.edgeadhesives.com

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