



# INSTALAM 18 LAMINATING ADHESIVE

**Product Overview:** InstaLam 18, manufactured at the Fort Worth facility, is a laminating adhesive designed as a clean, efficient, and non-toxic replacement to moisture-cure polyurethanes. It can be applied in a variety of methods, is a zero VOC product, and boasts an unlimited shelf life.

**Product Uses:** InstaLam 18 is used in a variety of industries, but most commonly, it is used in the assembly of doors as a bonding agent for stiles and rails. InstaLam 18 does not cure or char, minimizing start-up and shut-down times. It is also non-toxic, eliminating the need for protective clothing and equipment.

### Technical Information:

Raw Material Base.....	Thermal Plastics
Color.....	Amber
Specific Gravity (As Solid).....	0.75 – 0.85
Odor.....	Slightly Resinous
Peel Strength (Vinyl).....	12 pli
Peel Strength (Polypropylene).....	20 pli
Viscosity.....	Approx. 25,000 cps
Solids by Weight.....	99.83%
Flash Point.....	>400°F

**Application Information:** InstaLam 18 is designed for use in factory settings. It should be applied using hot melt equipment with the gear pump set at 350°F. For best results, hold the orifice of the nozzle close to the bead that is being applied. Please contact Edge Adhesives for further information regarding proper speed settings, orifice size, and pressure requirements. InstaLam 18 can also be applied by laminating rollers and roll coaters.

**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 18 boasts an unlimited shelf life. It is available in 55 gallon fiber drums, as well as in 5 gallon fiber or metal pails.

**Safety Instructions:** Use caution when working with machinery and materials at high temperatures. InstaLam 18 should not be exposed to temperatures exceeding 400°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:

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INSTALAM 18