



INSTALAM 53 ELASTOMERIC HOT MELT ADHESIVE

Product Overview: InstaLam 53, manufactured at the Fort Worth facility, is a hot melt adhesive designed for use in the peel and stick commercial roofing market. InstaLam 53 maintains tenacious adhesion and aggressive tack when used for TPO and EPDM bonding applications. This product also adheres well to engineered surfaces, plastics, metals, OSB, and plywood. When applied at a thickness of 10 mils, InstaLam 53 will meet all ICCB, ASTM, and Miami-Dade, Florida Building Codes.

Product Uses: InstaLam 53 is often coated to a variety of substrates in order to create high-performance PSA tapes. It is used in many markets, and is particularly well-suited for use in waterproofing and building envelope applications. InstaLam 53 is also an ideal solution for high temperature applications.

Technical Information:

Raw Material Base.....	Thermal Plastics	Solids by Weight.....	99.83%
Color.....	Amber	Melt Point, Ring & Ball.....	275°F – 325°F
Specific Gravity (As Solid).....	0.9 – 1.0	Heat Res. (2 Wk. @180°F).....	No Change
Application Temp. Range.....	0°F – 200°F	Humid. Res. (2 Wk. @ 100% RH).....	No Change
Service Temp. Range.....	-50°F – 260°F	Peel 90° (Al, 176°F).....	1.0 pli
Cold Temp. Resistance.....	Passes to -50°F	Peel 90° (Al, 77°F).....	5.9 pli
Low Temp. Flexibility.....	Passes at -40°F	Peel 180° (Al, 77°F).....	7.3 pli
Viscosity (300°F).....	15,000 – 25,000 cps	Peel 180° (OSB, 77°F).....	3.5 pli
Viscosity (325°F).....	14,500 – 20,500 cps	Peel 180° (Plywood, 77°F).....	6.9 pli
Viscosity (350°F).....	12,500 – 17,500 cps	Peel 180° (Vinyl, 77°F).....	6.3 pli

Application Information: InstaLam 53 can be converted in-house into a variety of high performance PSA tapes. It can also be processed by using standard hot melt and coating equipment at a temperature of 350°F.

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 53 boasts an unlimited shelf life. It is available in 55 gallon fiber drums, as well as 4" X 6" X 8" blocks.

Safety Instructions: Use caution when working with machinery and materials at high temperatures. InstaLam 53 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:

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Disclaimer: The information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. In practice, the differences in materials, substrates, storage conditions, actual site conditions and other factors outside of Edge Adhesives control are such that Edge Adhesives assumes no liability, nor makes any warranty, express or implied for such information, recommendations or instructions related to its products. It is the users responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary.



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