



SpecTrim® M35 Adhesive

MS35 Polyurethane Adhesive / Sealant

For installing SpecTrim® Moldings, Wainscot, and Ven4ma® trims(optional). Available in 10.3 ounce tubes.

MS35 is a one component, fast cure, high strength adhesive / sealant with excellent adhesion to pre-painted metals, plywood, glass, aluminum, steel, SMC, Rim, FRP, and many plastic composites. 100% solids (contains no solvents) polyurethane, containing no isocyanates. Paintable and sandable, Fast cure - tack free in 45 minutes, 50% strength in 24 hours, full strength in 1-3 weeks. MS35 cures in the presence of atmospheric moisture to provide an elastic bond to fasten materials which have dissimilar coefficients of expansion. MS35 is designed to meet the requirements of ASTM C-920, Type 5, Grade NS, Class 12.5.

Applications:

Because of its structural strength, it may be used to reduce the use of mechanical fasteners, vehicle cab construction, waterproofing lap seams, floor and roofing, signage, and sealing all joints.

Surface Preparation:

To guarantee the maximum performance characteristics of the adhesive, parts should be clean and free of all contamination. This includes mold release agents, grease, oil, dirt, oxidation, etc.

Adhesive Application:

Cut nozzle at an angle to desired bead size and puncture inner seal. Apply with a caulking gun forcing sealant into the joint or onto the parts to be assembled, then tool or assemble components. Clean off excess sealant with xylene or similar solvent following their precautions. Support components using non-marking tape as required until set.

Tech Data:

MS35 is a highly flexible, single part adhesive with excellent initial tack properties. It is based on hybrid technology and is odor free, containing no isocyanates or solvents. It can be used in a wide range of applications where fast initial strength is required. Combines a strong adhesive with the properties of a good sealant.

Key Benefits

- Good initial strength
- Very Flexible - withstands high stress
- Versatile - bonds dissimilar materials
- Solvent and isocyanate free
- Easy dispensing - easy to use
- Durable - quality bond assured

Typical Applications

- SpecTrim® Molding Components
- Ven4ma® Trims
- Stiffeners for furniture signs & doors
- Panels & flooring - buses and trains
- Rivet bonding
- Glass bonding
- Commercial vehicles
- Sporting goods



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Physical Properties and Performance

- Color.....White
- Viscosity.....Paste
- Spread Rate.....1/8" bead = 125 lf / 10.2 ounce tube
- Spread Rate.....3/16" bead = 55 lf / 10.2 ounce tube
- Spread Rate.....1/4" bead = 32 lf / 10.2 ounce tube
- Typical Gap Fill.....3mm (0.12")
- Shear Strength.....320 psi
- Chemical Type.....Hybrid Polymer
- Handling Strength.....Instant Tack
- Initial Set.....50% strength within 24 hours
- Full Strength.....1-3 weeks

Product Safety

- Non-flammable
- Easy Cleanup
- No Odor or Harmful Vapors
- 100% VOC compliant
- No isocyanates or solvents

Adheres to

- Composites
- Woods
- Metals
- FRP
- Glass
- Plastics
- PVC
- Ceramics
- Foams