

SM2565

Foam Tape Sealant

TECHNICAL DATA

PRODUCT DESCRIPTION:

SM2565 Foam Tape Sealant is a polyolephin foam tape featuring a differential adhesive system. Rubber based adhesive on one side, and acrylic on the other. This system provides maximum quick stick adhesion to vinyl, aluminum, wood, composites and glass. It also exhibits excellent creep resistance, weatherability and long term holding power to all known fenestration glazing details.

BASIC USES:

SM2565 Foam Tape Sealant is designed for use as a glazing component for drop-in glazing. It may be field or factory applied. The suitability of this product for each intended use must be determined by the user prior to acceptance.

The backing, or liner, is easily removed after tape application.

Compatibility testing is mandatory when SM2565 Foam Tape Sealant is in direct contact with any other sealant, elastomer, thermal-break compound or architectural paint. When compatibility has been verified, it can be used in details as the primary weather sealant or in drop in glazing details that require cap or heel bead sealant.

LIMITATIONS:

Not recommended for use:

- a) In details subjected to continuous water immersion.
- b) On special architectural finishes without proper testing.
- c) On surfaces contaminated with oil, grease, wax, dust or corrosion.
- d) Where painting over tape is required.
- e) Where solvent resistance is required.

APPLICATION LIMITATIONS:

- a) Do not apply to frost-bearing surfaces or when temperature is below 40°F (4.45°C).
- b) Do not remove liner prior to tape placement.
- c) Remove old sealant or existing tape sealant before application.

PRETEST FOR ADHESION:

Pretest for adhesion is intended to eliminate potential field problems by testing SM2565 with samples of fabrication materials on which it will be applied. This testing will aid in determining the proper surface preparation method and effective solvents for cleaning.

SPECIFICATION COMPLIANCE:

SM2565 meets or exceeds the test requirements of:

AAMA 810.3-92 Type I

TYPICAL PROPERTIES:

Property	Typical Value	Test Method
Water Penetration:	Less than 1%	AAMA 810 Type 1
Low Temperature Flexibility:	Pass	AAMA 810 Type 1
Compression Set:	Less than 1%	AAMA 810 Type 1
Water Absorption:	0 %	AAMA 810 Type 1
Tensile Adhesion:	35-45 psi @320% elongation @77°F (25°C)	AAMA 810 Type 1
Peel Adhesion:	4-6 piw @120°F (48.8°C)	AAMA 810 Type 1
Service Temperature Range:	0°F to 150°F, (-17.7°C to 65.5°C)	AAMA 810 Type 1
Pump Test:	Pass	AAMA 810 Type 1
Shelf Life:	12 months from date of manufacture when stored at or below 70°F (21°C) and 50% relative humidity.	

SURFACE PREPARATION:

Apply to clean dry surfaces. Optimum cleaning procedures for metal, glass and plastic surfaces should be by a solvent wipe procedure or my mechanical means. Detergent or soap and water cleaning treatments are not recommended. Protective films must be removed by a solvent recommended by the manufacture of the film or other means which leaves no residue. In all cases where used, solvents shall be applied with one clean cloth or lintless paper towel, and the solvent wiped clean with a second cloth or towel. Cleaning solvents should not be allowed to air dry or evaporate without wiping. ARCHITECTURAL COATINGS AND PLASTICS SHOULD BE CLEANED WITH A SOLVENT APPROVED BY THE MANUFACTURER OR THAT PRODUCT. Read all labeling before use, and follow the solvent manufacturer's recommendations and instructions for safe handling. The use of these solvents (or other solvents) may be hazardous to your health. Use only in well ventilated areas. KEEP AWAY FROM OPEN FLAME. Tools and application equipment may be cleaned with the same solvent.

PRECAUTIONS:

If this product is used in direct contact or in close proximity with any other sealant or elastomer, a compatibility test must be conducted by the purchaser or user prior to use. The suitability of this product for each intended use must be determined by the purchaser prior to acceptance.

APPLICATION:

SM2565 foam tape sealant should be applied to a clean, dry, uncontaminated surface. Apply tape within a temperature range of 40°F to 115°F (4°C – 46°C). Do not remove liner (backing) until tape is in proper position. Avoid touching adhesive surface before application. Normally these tapes are used as primary glazing seals. In this case, the tape is applied flush with the edge of the glazing leg or fixed stop of the detail. Avoid dipping below the edge of the leg or stop. Butt the ends of the tape; do not overlap. Seal these butt joints with a small amount of SM5504 or SM5731.

Install glass or panel. Apply final glazing bead. Apply compression if necessary to achieve 25% to 30% compression of foam tape.

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