



RAPID GLAZE™ 2700

Warm Applied Glazing Sealant

TECHNICAL DATA

PRODUCT DESCRIPTION:

Rapid Glaze™ 2700 is a high solids, warm applied, moisture-curing hybrid acrylic sealant. It is based on Schnee-Morehead®, Inc.'s proprietary patented technology. Rapid Glaze™ 2700 has rapid green strength and cures to a tough, elastomeric sealant having superior adhesion, bond strength, and high elongation. This material was developed specifically for use as the prime back bedding compound for window and door assembly. These desirable characteristics are paramount when in-line assembly requires immediate physical movement of the glazed unit.

ADVANTAGE:

- Immediate green strength
- Excellent adhesion to a wide variety of substrates including (but not limited to): glass (air or tin side), aluminum, composites, wood, vinyl, FRP, many plastics and most paints.
- Easy application for both vertical and horizontal glazing
- Paintable/Stainable
- Non-contaminating
- Remains tough and elastic at elevated temperatures unlike thermoplastic sealants.
- H.A.P.S. Free/ VOC Compliant
- Compatible with major IG sealants
- Successfully used with self-cleaning glass

SPECIFICATION COMPLIANCE:

Rapid Glaze™ 2700 meets or exceeds the test requirements of:

AAMA 805.2 Group A (Bonding Type Back Bedding Sealant)

APPLICATION:

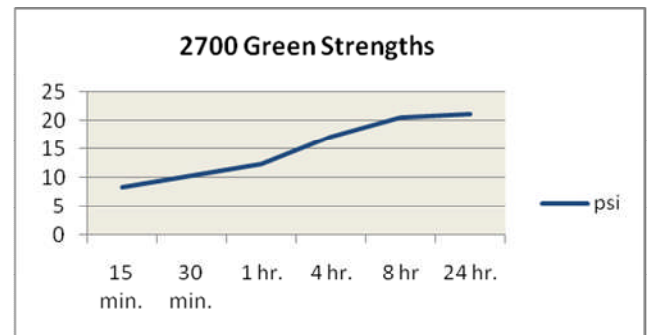
Apply Rapid Glaze™ 2700 to a clean, dry uncontaminated surface. Application is easily accomplished with a closed heated pump and hand flow-gun system. This system may be integrated with an automated glazing table. At application temperature, material is capable of flowing as fast as an automatic or hand-assist system demands. Normal application temperatures range from 265°F (129°C) to 295°F (146°C). Information about application equipment is available from Schnee-Morehead®, Inc.

Coverage	
1/8" (3.17mm) diameter bead	1569 feet (478m)/gallon
5/32" (3.96mm) diameter bead	1007 feet (307m)/gallon
3/16" (4.76mm) diameter bead	697 (212m)/gallon

TYPICAL PROPERTIES:

Property	Typical Value	Test Method
Tensile Strength:	239 psi (1.65 N/mm ²)	ASTM D412
Shear Strength:	170 psi (1.17 N/mm ²)	ASTM D905
Peel Strength:	65 PLI	ASTM C794
Elongation:	1100%	ASTM D412
Percent Solids:	97%	
Odor:	Slight	
Color:	Clear	
Hardness, Shore "A":	35	ASTM C661
Modulus @50%	24 psi (0.16 N/mm ²)	ASTM D412
@100%	32 psi (0.22 N/mm ²)	
Flow/Sag:	0.1 "	AAMA 800
Open Time:	5 Minutes	
Service Temperature Range:	-30°F to 300°F, (-34°C to 149°C)	
Shelf Life:	Rapid Glaze™ 2700 has a 12 month shelf life when stored at or below 80°F (27°C).	

Lap Shear Results on Glass to Aluminum:
(ASTM C961: at standard conditions)



TYPICAL TEST DATA (Back Bedding):

Performance Test Results following ASTM E 330 for positive/negative uniform wind load evaluations were conducted by a third party. Results from a vinyl picture window demonstrate the material to withstand a design pressure of 113 psf and an overload pressure of 170psf. Test data is available from Schnee-Morehead®, Inc.

APPLICATION LIMITATIONS:

Not recommended for use:

- Where continuous water immersion exists.

CLEAN UP:

Uncured sealant can be removed by using various solvents, such as toluene, mineral spirits, IPA, or acetone. Cured sealant, tools and application equipment may also be cleaned with various solvents. The use of solvents may be hazardous to your health. Read all labeling before use, and follow the solvent manufacturer's recommendations and instructions for use. Use only in a well ventilated area. KEEP AWAY FROM OPEN FLAME.

PRECAUTIONS:

If this product is used in direct contact or in close proximity with any other sealant, elastomer, thermal break compound or architectural paint, 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. During applications, the sealant temperature can approach 285°F (141°C) and must be handled with caution. Protective clothing, such as gloves and long-sleeved shirts will protect operators exposed skin should accidental sealant contact be made. Wear safety glasses or protective eyewear to protect eyes. Always take these precautions. Should hot sealant come into contact with skin, cool area immediately with cold water and seek medical attention.

Refer to the Material Safety Data Sheet (MSDS) for further information. For medical emergency only call ChemTrac 1800-424-9300

EXCLUSION OF WARRANTIES:

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Complete technical information is available from Schnee-Morehead®, Inc. For technical assistance, customer service and general information call:

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