

# MOISTOP<sup>®</sup>

## SEALANT

The primary cause of water intrusion into a commercial or residential building is the lack of properly integrated flashing around windows, doors and other fenestrations. The cost of these repairs and potential exposure to litigation can be staggering, particularly when water leakage leads to problems with mold and mildew.

To prevent water leaks, windows must be installed with a sealant that is compatible with all the different components that must work together.

This has been validated through extensive third party ASTM testing, as well as field verification of individual system components by the Fortifiber Building Systems Group<sup>®</sup>. The results of these tests leave no doubt that the proper selection and installation of sealant and flashing are essential to the elimination of water leaks through windows and doors.

“*Delivers excellent adhesion, compatibility, durability and moisture resistance to prevent water leaks and the expensive callbacks they cause.*”

### Completely Compatible, Moisture Resistant Sealant

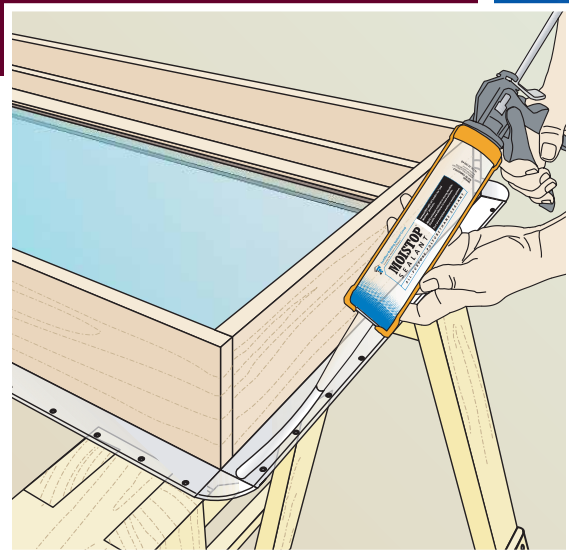
Moistop Sealant is a quality polyurethane sealant that is designed to be compatible with virtually all building materials, as well as wood, vinyl and aluminum flanges, Jumbo Tex<sup>®</sup> building paper, WeatherSmart<sup>®</sup> and all Fortifiber flashings. It is the most logical choice for window and door installations and a variety of other building applications. Moistop Sealant delivers excellent adhesion, compatibility, durability and moisture resistance to prevent water leaks and the expensive callbacks they cause.

Exceeding ASTM C-920 and AAMA 808.3-92 (Exterior Perimeter Sealing Compounds) standards, Moistop Sealant makes it easy to get extraordinary results from an ordinary caulking gun. A continuous bead on the window nail flange gives long lasting protection against moisture infiltration. And even though Moistop Sealant is tough enough to repair torn vapor barriers, it is smooth enough to take paint in visible application areas.

### Part of a Complete Moisture Control Solution

Moistop Sealant, combined with the extensive line of Fortifiber flashing products – integrated with a Jumbo Tex or WeatherSmart weather-resistive barrier – forms a comprehensive weatherization system that protects homes and buildings against moisture intrusion problems. Designed through the use of building science and perfected in the field, this is the only complete moisture control system available in the industry from a single source.

Moistop Sealant is a product distributed by the Fortifiber Building Systems Group. With more than a seventy year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.



- **STRONG, FLEXIBLE AND DURABLE**
- **ADHERES TO MOST SURFACES**
- **LOW VOC FORMULATION**
- **PAINTABLE**
- **PART OF A COMPLETE MOISTURE CONTROL SYSTEM**



# MOISTOP SEALANT

**Product Description:** Moistop Sealant is a polyurethane, one component, moisture-curing, non-sag, gun-grade elastomeric sealant.

**Size:** Moistop Sealant is available in 10.1 fl. oz. (300 ml) cartridges. Sausage packs available upon request, 20 fl. oz. (600 ml). Coverage should be approximately 10.9 ln.ft. per 10.1 oz. in the recommended 3/8" bead application.

**Applicable Standards:** ASTM C-920 Type S, Grade NS, Class 25, Use-NT, Use-A, Use-M, Use-G, Use-O

AAMA 808.3-92 (Exterior Perimeter Sealing Compound)

**Limitations:** Not recommended for unprimed masonry joints that will be subjected to continuous water immersion; joints that are contaminated with grease, wax, corrosion or cement laitance; horizontal joints in floor or decks where physical abuse is encountered; special architectural finishes without proper testing.

**Application Limitations:** Moistop Sealant must not be applied to frost-bearing surfaces if temperatures will be below freezing for more than 24 hours. Tooling techniques using solvents or soapy solutions are not recommended. All surfaces must be evaluated for adhesion prior to product acceptance.

**Priming:** It is expected that Moistop Sealant will adhere and perform in uncontaminated joints with most common construction substrates. Substrates include but are not limited to concrete, marble, granite, anodized aluminum, mill finished aluminum, galvanized surfaces, glass, fiberglass reinforced plastic (FRP), wood, painted aluminum, Kynar, and polyvinyl chloride (PVC). Due to the vast numbers and types of surface coatings and treatments available, the Fortifiber Building Systems Group recommends pre-testing Moistop Sealant on the surface in question.

All surfaces should be pre-tested with Moistop Sealant to determine if cleaning will be necessary to remove surface contamination. In the case of some exotic coatings, priming or other surface treatment may be necessary.

**Pre-test for Adhesion:** Pre-test for adhesion is intended to eliminate potential field problems by testing Moistop Sealant with samples of building materials on which it will be applied. This testing will aid in determining the proper surface preparation method and effective solvents for cleaning prior to application. Sealant compatibility testing is not required for Fortifiber's full line of flashing products and weather-resistive barriers.

**Shelf Life:** Moistop Sealant will exhibit a twelve (12) month shelf life when stored at temperatures not exceeding 80°F.

**Availability:** The Fortifiber Building Systems Group's products are distributed nationwide. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

**Precautions:** IF THIS PRODUCT IS USED IN DIRECT CONTACT WITH ANY OTHER SEALANT OR ELASTOMER, A COMPATIBILITY TEST MUST BE CONDUCTED BY PURCHASER OR USER, PRIOR TO ACCEPTANCE. MOISTOP SEALANT IS NOT COMPATIBLE WITH OXIME CONTAINING SILICONE SEALANTS. The suitability of this product, for each intended use, must be determined by the purchaser prior to acceptance.

Avoid skin contact. On contact, uncured sealant could cause irritation to the skin and eyes. In the case of eye contact, flush immediately with warm water for at least 15 minutes and call a physician. For skin contact, remove with a paper towel. If swallowed, do not induce vomiting; call a physician. This product is manufactured for industrial use only. Refer to Material Safety Data Sheet (MSDS) on the company's website at [www.fortifiber.com](http://www.fortifiber.com) for further information. For medical emergency call ChemTrec 1-800-424-9300.

**FortiShield Warranty:** Fortifiber Moistop Sealant is expressly warranted for a period of ten (10) years from purchase that it will perform to Fortifiber's published specifications when installed according to Fortifiber's installation procedures and accepted industry standards in a standard flashing application. Installation must use one or more of the following Fortifiber brand flashing products (Moistop E-Z Seal®, FortiFlash®, Moistop neXT®, or Moistop PF®) and one of the following Fortifiber brand weather-resistive barrier products (WeatherSmart®, Weather Tex®, Jumbo Tex®, or Fortify®) in a properly designed and constructed wall system. In the event of a warranty claim, Fortifiber will pay the cost of materials and labor to correct problems found to be caused solely by the failure of Fortifiber's product as expressly warranted above.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind. If the installation or use of this product does not qualify for the FortiShield Warranty, Fortifiber's standard warranty will apply. See [fortifiber.com/warranty.htm](http://fortifiber.com/warranty.htm) for details.

**SPECIFICATION SUMMARY:** Provides an exterior perimeter sealing compound for windows and doors that is compatible with most commonly used building materials.

**FLEXIBLE WINDOW & DOOR FLASHING:** Fortifiber/Moistop Sealant; polyurethane, one-component, moisture curing, non-sag elastomeric sealant.

**REFERENCE SPECIFICATION:** AAMA 808.3-92 (Exterior Perimeter Sealing Compound); ASTM C-920 Type S, Grade NS, Class 25

*Table 1- Physical Properties*

CHARACTERISTIC	RESULTS	TEST METHOD
Peel Adhesion:	15 pli minimum	ASTM C-794
Tensile Maximum:	300% psi (2.07 N/mm <sup>2</sup> )	ASTM D-412
Elongation:	700-800% (81% recovery)	ASTM D-412
Sag:	None	ASTM C-639
Hardness:	30-50	ASTM C-661
Service Temperature Range:	-40° to 150°F (-40°C to 65.6°C)	—
Water Resistance:	Passes	AAMA 800
Skin Time:	1-2 hours @ 75°F (23.89°C); 50% R.H.	—
Cure Time:	24-48 hours	1/4" (6.34 mm) diam. bead @ 75°F (23.89°C); 50% R.H.



**Fortifiber Building Systems Group®**  
Protecting Your World from the Elements®



Call 1-800-773-4777 or 1-775-333-6400 for sales and technical assistance. On the Internet visit [www.fortifiber.com](http://www.fortifiber.com).

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