

Future Flash® Sealant

Fast-Cure, Low VOC, High Solids Hybrid Polyurethane Sealant

Product Description

Future Flash® Sealant utilizes a solvent-free technology, which represents technical advances over existing polyurethane systems. In addition, Future Flash® Sealant demonstrates excellent adhesion to a wide variety of building materials, including vinyl, wood, aluminum and masonry.

Future Flash® Sealant is a high performance, UV stable, paintable, low-to-medium modulus, one-component, gun grade hybrid polyurethane sealant. The sealant cures to a flexible rubber when exposed to atmospheric moisture.

Basic Uses

Future Flash® Sealant is specially designed for use as a sealant in the installation of windows and doors. It can also be used in variety of construction joints and seams.

It is designed exclusively for use with the MFM™ Future Flash® Window Waterproofing system and associated applications.

Colors

White, Black, Gray

Packaging

10.1 oz (300 ml) cartridges, 20 oz (600 ml) sausages

INSTALLATION

Surface Preparation

Surfaces must be sound and clean. All release agents, existing waterproofing, dust, loose mortar, laitance, paints, or other finishes must be removed. This can be accomplished through wire brushing, grinding, sandblasting or solvent washing, depending on the contamination.

Tooling & Cleaning

Tooling is recommended immediately after application to insure firm, intimate contact with the joint interface. Dry tooling is preferred. Excess sealant adjacent to the joint can be carefully removed with xylene or mineral spirits before the sealant cures.

Maintenance

Damaged Sealant can be repaired. Consult Tremco Technical Services or a Tremco Sales Representative for repair procedures.

Limitations

Do not apply over damp or contaminated surfaces.

Applicable Standards

Conforms to AAMA 802.3-92 Type I, AAMA 802.3-92 Type II and AAMA 808.3-92. Meets U.S. Federal Specification TTS-00230C, Class A, Type II; Canadian Standard CAN/CGSB- 19.13-M87; and ASTM C920, Type S, Grade NS, Class 35, Use NT, M, A and O.

TYPICAL PHYSICAL PROPERTIES

ASTM C920 S-00230C	Requirement	Future Flash® Sealant Results
Rheological Properties at 40 and 122° F (4.4 and 50° C)	3/16" (4.8mm) Maximum Flow	0
Extrusion Rate	No Deformation	None
Hardness Properties	45 seconds maximum	15
Weight Loss	25 – 50	25
Skin Time	Less than 10%	Passes (<2%)
Tack-Free Time	N/A	30 – 90 minutes
Stain & Color Change	Tack-Free 72 hours maximum	3 – 4 hours
Adhesion-in-Peel	No Visible Change	None
	No Stain	None
	Not less than 5 pli (22N)	Concrete 18 – 22 pli Aluminum 20 – 25 pli
Effects of Accelerated Weathering	Less than 25% Bond Loss	No Adhesion Loss
	No cracks noted on U.V. and Cold Temperature Bond Test	Passes
Movement Capability	N/A	±35%

Application

Future Flash[®] Sealant is applied with conventional caulking equipment. Fill joint or seam completely and tool. At 75° F (23.9° C), 50% R.H., a durable skin forms within hours after application.

Warranty

Tremco warrants its sealants to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond

our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco sealants. Tremco's sole obligation shall be, at its option, to replace or refund the purchase of the quantity of Tremco sealant proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

