TREMCO®

Dymeric 240/240FC

Multi-Component Polyurethane Sealants

Product Description:
Dymeric 240/Dymeric 240FC are three component, chemically curing, epoxidized polyurethane sealants specially formulated for dynamically moving building joints.

Basic Uses:
Dymeric 240/Dymeric 240FC are non-sag general purpose sealants providing flexible, long life, durable, weathertight seal for both new construction and renovation projects in many types of buildings. Uses will include: precast, masonry, EIPS, metal curtain wall and perimeter joints of doors and window frames.

Dymeric 240FC is a faster curing formulation with easier mixing and handling properties. Dymeric 240FC is also solvent free, exhibiting a low odor.

Limitations:
- Do not apply over damp or contaminated surfaces.

Packaging:
1-1/2 gallon (5.7 L) and 3 gallon (11.36 L) kits with pre-measured cans of Curing Agent and color pack (pigment).

Standard Colors:
Dymeric 240/Dymeric 240FC are available in 53 standard colors and can be custom matched to virtually any color upon request.

Applicable Standards:
Meets U.S. Federal Specification TT-S-00227E, Class A, Type II; Canadian Standard CAN/CGSB-19.24-M90, Type II, Class B; and ASTM C920, Type M, Grade NS, Class 50, Use T, I, M, A and O.

INSTALLATION

Joint Design:
May be used in any vertical or horizontal joint design in accordance with accepted architectural/engineering practice. Joint width should be 4-times anticipated movement, but not less than 1/4 inch (6.4mm) wide.

Dimensions:
For joints 1/4 inch (6.4mm) to 1/2 inch (12.7mm) wide, the width-to-depth ratio should be equal. Joints 1/2 inch (12.7mm) wide or greater should have a sealant depth of 1/2 inch (12.7mm). Minimum joint size is 1/4 inch by 1/4 inch (6.4mm by 6.4mm).

Surface Preparation:
For good adhesion, the joint interface must be sound, clean and dry. Depending on the substrate, or presence of form release agents, masonry waterproofings, dust, loose mortar or laitance, architectural paints or finishes, the joint surface may require a thorough wire brushing, grinding, sandblasting, solvent washing and/or primer.

Tooling & Cleaning:
Tooling is recommended immediately after application to insure firm, intimate contact with the joint interface. Dry tooling is preferred, although tooling agents can be utilized. Excess sealant and smears adjacent to the joint can be removed with Xylol or Toluol before sealant cures.

Joint Backing Bond Breaking Tape:
Closed cell polyethylene backer rods are preferred as joint backing to control depth of sealant bead. Where depth of joint will prevent use of joint backing, an adhesive backed polyethylene tape should be installed to prevent three-sided adhesion. Joint backing must be dry at time of sealant application.

Application:
Mix in accordance with directions on product container label. Minimum mixing time is 6 minutes. Apply with conventional caulking equipment, filling the joint completely and tool.

Maintenance:
Damaged sealant can be repaired. Consult your Tremco Distributor or Representative for repair procedures.

Availability:
Immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

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.

TYPICAL PHYSICAL PROPERTIES

ASTM C920 TT-S-00227E	Requirement	Dymeric 240/240FC Results
Low Temperature Flexibility	ASTM-C-793	-65˚F (-54˚C)
Hardness Properties	15-50	25-35
Weight Loss	Less than 10%	Passes
Tack Free Time	Tack Free 72 Hours Maximum	240: < 72 Hours 240FC: < 24 Hours
Stain & Color Change	No Visible Change No Stain	None None
Durability-Cyclic Movement Adhesion & Cohesion	1-1/2 sq. in. (9.7cm^2) Max Total Bond Loss	Passes
Adhesion-in-Peel	Not less than 5 pli (22N) (85N) for Aluminum, Concrete & Brick	Greater than 10 pli
Effects of Accelerated Weathering	No cracks greater than #2 on U.V. and Cold Temperature Bond Test	Passes
Movement Capability	N/A	+50%/-50%

For MSDS and Spec Data Sheets, Call our 24 Hour Fax-Back Line:
1-800-551-2806
or visit our website:
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