**Dymeric® 240 FC**

**High Performance Multi-Component Polyurethane Sealant**

**Product description**

Dymeric® 240 FC is a gun grade, multi-component, chemically curing, polyurethane sealant that includes a tintable base, curative packet, and a choice of 70 standard colors. A Limestone Pretinted version is available.

**Basic Uses**

Dymeric 240 FC applications range from pre-cast tilt-up concrete, masonry, and exterior insulating and finishing systems (EIFS), to metal curtain walls, and perimeter joints around doors and windows. It can also be used in certain water immersion applications.

**Features and benefits**

Dymeric 240 FC is an all around general-purpose sealant that provides flexible, long life and durable waterproofing for both new construction and restoration projects in a fast curing formulation. Dymeric 240 FC is formulated to be a lightweight material designed for extremely easy mixing, even in cold temperatures. Dymeric 240 FC is a solvent-free product that is compliant with all existing VOC regulations. Meets the most stringent Use I testing for water immersion applications.

**Colors**

Dymeric 240 FC is available as a base and curative that can be tinted to your choice of 70 standard colors, or we can match a special color for you. A color pak is not required for the pretint version.

**Packaging**

Dymeric 240 FC is packaged in 1.5 gallon (5.7 L), and 3-gallon (11.4 L) kits with pre-measured pouches of curing agent. Pretint in 1.5 Gallon (5.7L) only.

**Coverage rates**

308 linear feet of joint per gallon for a 1/4” X 1/4” joint. For specific coverage rates that include joint size, and usage efficiencies, visit our website usage calculator at www.tremcosealants.com.

**Applicable standards**

Dymeric 240 FC meets or exceeds the requirements of the following specifications:
- ASTM C 920-02, Type M, Grade NS, Class 50, Use I (class 2), NT, T, M, A, and O (granite)
- Federal Specification TT-S-00227E, Class A, Type II
- CAN/CGSB 19.24-M90, Type II, Class B

**Joint design**

Dymeric 240 FC may be used in any vertical or horizontal joint designed in accordance with accepted architectural/engineering practices. Joint width should be 4 times anticipated movement, but not less than 1/4” (6.4mm).

**Joint backing**

Closed cell or reticulated polyethylene backer rod is recommended as joint backing to control sealant depth and to ensure intimate contact of sealant with joint walls when tooling. Where depth of joint will prevent the use of backer rod, an adhesive backed polyethylene tape (bond breaker tape) should be used to prevent three-sided adhesion. All backing should be dry at time of sealant application.

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**TYPICAL PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Temperature Flexibility (ASTM C 793)</td>
<td>Passes</td>
</tr>
<tr>
<td>Hardness, durometer scale &quot;A&quot; (ASTM C 661)</td>
<td>30 ±3</td>
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<tr>
<td>Weight Loss (ASTM C 1246)</td>
<td>Passes</td>
</tr>
<tr>
<td>Skin Time (tooling time)</td>
<td>3 hours</td>
</tr>
<tr>
<td>Tack Free Time (ASTM C 679)</td>
<td>19 hours</td>
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<tr>
<td>Stain &amp; Color Change (ASTM C 510)</td>
<td>No stain, No color change</td>
</tr>
<tr>
<td>Adhesion-in-Peel (ASTM C 794)</td>
<td>&gt;10 pli (pass)</td>
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<tr>
<td>Accelerated Weathering (ASTM C 793)</td>
<td>Pass</td>
</tr>
<tr>
<td>Movement Capability (ASTM C 719 modified)</td>
<td>±50%</td>
</tr>
</tbody>
</table>

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www.tremcosealants.com
**Sealant dimensions**

W = Sealant width, D = Sealant depth, C = Contact area.

**Application**

Mix in accordance with instructions on the pail using the entire pre-measured curative packet and your selected Universal Color Pak. One color pack should be used with 1.5-gallon pails and 2 color packs should be used in the 3-gallon pail. Mix all three parts for a minimum of 6 minutes, scrapping the sides of the pail and until there are no color striations. A color pak is not required for the pretint version.

Ensure the backer rod is friction fitted properly and any primers have been applied. Apply sealant with conventional caulking equipment filling the joint from the backer rod up. Immediately tool the sealant with a spatula to ensure intimate contact with the joint walls. Dry tooling is always preferred, although xylene can be used in limited amounts to slick the spatula if needed.

For a cleaner finish, mask the sides of the joint with tape prior to filling.

**Cure time:**

At 72°F (22°C) Dymeric 240 FC will reach full cure in about 48 hours. As the temperatures decrease, the cure time will increase. A good rule of thumb is an additional 24 hours for every 10°F decrease in temperature.

**Clean up**

Excess sealant and smears adjacent to the joint interface can be carefully removed with xylene or mineral spirits before the sealant cures. Any utensils used for tooling can also be cleaned with xylene or mineral spirits.

**Limitations**

- Do not apply Dymeric 240 FC to damp or contaminated surfaces.
- Always utilize the accompanying MSDS for information on Personal Protective Equipment (PPE), and health hazards.
- For best results, always use a Universal Color Pak

**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.

 UL Tested Systems FF-D-1061, FF-S-1030, FW-D-1057, FW-S-1014, WW-D-1052, WW-S-1033, HW-D-1052, HW-S-1011