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TECHNICAL DATA SHEET

Dymeric® 240FC

Manufacturer: Tremco CPG Inc.

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TECHNICAL DATA SHEET

DYMERIC® 240FC

Fast-Curing Multi-Component
Polyurethane Sealant

PRODUCT DESCRIPTION

Dymeric® 240FC is a multi-component chemically-curing polyurethane sealant that comes as a kit with a tintable base, curative packet, and a choice of 70 standard colors via the Tremco Universal Color Paks. It is an effective, gun grade, general purpose sealant that provides a flexible, long lasting, durable waterproofing seal for both new construction and restoration projects.

BASIC USES

As a general purpose sealant for both new construction and restoration projects, Dymeric 240FC has a wide range of applications, including, but not limited to, the following:

- Precast tilt-up concrete
- Masonry
- Exterior insulating and finishing systems (EIFS)
- Metal curtain walls
- Door and window perimeter joints
- Certain water immersed applications

FEATURES & BENEFITS

Dymeric 240FC has been formulated to be an easy-to-use, lightweight material that adheres to most common construction substrates without needing a primer. The user-friendly formula is solvent-free and compliant with all existing VOC regulations. Additionally, it has been specifically designed for extremely easy mixing, even in cold temperatures.

- Suitable for certain water immersion applications
- Reaches full cure in approximately 48 hours at 78 °F (25.5 °C)

The multi-component nature of Dymeric 240FC allows for greater flexibility and customization on the jobsite. There are 70 standard colors available, plus the option of unique color matching (by request).

Dymeric 240FC meets or exceeds the requirements of the following specifications:

- ASTM C920-02 Type M, Grade NS, Class 50, Use T, NT, M, A and O (granite), I (Class 2)
- U.S. Federal Specification TT-S-00227E Class A, Type II
- CAN/CGSB 19.24-M90 Class B, Type II
- UL 2079 (ASTM E1966), CAN/ULC S115
- Fire rated systems: CJ-D-0015, CJ-D-0016, CJ-D-0017, FF-D-1061, FF-D-1181, FF-S-1030, FF-S-1046, FW-D-1057, FW-D-1112, FW-S-1024, FW-S-1014, HW-D-1052, HW-D-1119, HW-S-1011, WW-D-1052, WW-D-1197, WW-S-1033

AVAILABILITY

Immediately available from your local Tremco Sales Representative, Tremco Distributor, or Tremco Warehouse in 1.5-gal (5.7-L) kits with pre-measured pouches of curing agent.

COLORS

Dymeric 240FC is available as a neutral base that can be tinted to your choice of 70 standard colors (with the Tremco Universal Color Paks) or can be custom matched to virtually any color upon request (MOQs apply).

LIMITATIONS

Applications in immersed conditions must be approved by Tremco Technical Services. Please contact your local Sales Representative

or Customer Service Representative for additional information. Do not apply Dymeric 240FC to damp or contaminated surfaces.

The use of a Tremco Universal Color Pak is always required with Dymeric 240FC neutral base. The pot life (after curative packet added) for Dymeric 240FC is:

- 3.0 to 3.5 hr at 77 °F (25 °C)
- 1.5 to 2.0 hr at 95 °F (35 °C)
- 1.0 to 1.5 hr at 120 °F (48.9 °C)

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

WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Type		Two-component gun-grade polyurethane sealant
Solids		99%
Skin Time	ASTM C679	3 hours
Tack Free Time	73.4°F (23°C), 50% RH	19 hours
Specific Gravity		1.06
Low Temperature Flexibility	ASTM C793	Passes at -15°F (-9°C)
Hardness (Shore A)	ASTM C661	30 ± 3
Weight Loss	ASTM C1246	Passes
Stain / Color Change	ASTM C510	No stain, no color change
Adhesion-in-Peel	ASTM C794	>10 pli (pass)
Accelerated Weathering	ASTM C793	Pass
Movement Capability	Modified ASTM C719	± 50%

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

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

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