

PRODUCT DESCRIPTION

Dymonic® FC is a fast-curing, single-component, low-modulus, hybrid sealant formulated with proprietary silane end-capped polymer technology. Dymonic FC offers a high-performance, durable, flexible seal that performs excellently in moving joints and exhibits tenacious adhesion to substrates once fully cured.

BASIC USES

Typical applications for Dymonic FC include expansion and control joints, precast concrete panel joints, perimeter caulking (windows, door, panels), EIFS, aluminum, masonry, and vinyl siding.

FEATURES & BENEFITS

Dymonic FC is fast-curing with a skin time of 60 minutes and a tack-free time of 3 to 4 hours. This significantly reduces dirt attraction and improves the overall aesthetic look. Additionally, Dymonic FC will not green crack due to early movement. The low-modulus nature of Dymonic FC allows it to provide exceptional movement capability of $\pm 35\%$.

There are 19 standard color options available for Dymonic FC, with the option of painting over the sealant. Dymonic FC is easy to use for immediate application with conventional caulking equipment, with no mixing required.

Dymonic FC meets or exceeds the requirements of the following specifications:

- ASTM C920 Type S, Grade NS, Class 35, Use NT, M, A and O
- ASTM C1248
- U.S. Federal Specification TT-S-00230C Class A, Type II
- CAN/CGSB 19.13-M87
- UL 2079 (ASTM E 1966), CAN-4-S115M

Accepted fire rated systems: FF-D-1063, FW-D-1059, HW-D-1054, WW-D-1054



AVAILABILITY

Immediately available from your local Tremco Sales Representative, Tremco Distributor, or Tremco Warehouse in 10.1 oz (300 mL) cartridges and 20 oz (600 mL) sausages.

COLORS

Available in Almond, Anodized Aluminum, Aluminum Stone, Beige, Black, Bronze, Buff, Dark Bronze, Gray, Hartford Green, Ivory, Light Bronze, Limestone, Natural Clay, Off White, Precast White, Redwood Tan, Stone and White.

LIMITATIONS

Do not apply over damp or contaminated surfaces. Do not use under polyurethane deck coatings.

Use with adequate ventilation. Always utilize the accompanying SDS for information on Personal Protective Equipment (PPE) and Health Hazards. Not recommended for use in chlorinated, potable, heavy or waste water.

Although Dymonic FC is paintable, this does not imply adhesion to and compatibility with all paints. Consult Tremco Technical Bulletin No. S-09-05 or Tremco Technical Services for more information.

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 |
|------------------------------|----------------------|------------------------------------|
| Service Temperature | | -40 to 185 °F (-40 to 85 °C) |
| Rheological Properties | ASTM C639 | Non-sag (NS), 0" of sag in channel |
| Extrusion Rate | ASTM C1183 | 93.1 mL/min |
| Hardness Properties | ASTM C661 | 25 |
| Weight Loss | ASTM C1246 | Pass |
| Skin Time | ASTM C679 | 1 hr |
| Tack Free Time | 73.4°F (23°C) 50% RH | 3 to 4 hr |
| Stain and Color Change | ASTM C510 | No visible color change/No stain |
| Adhesion to Concrete | ASTM C794 | 18 to 22 pli (80 to 98 N) |
| Adhesion to Aluminum | ASTM C794 | 20 to 25 pli (89 to 112 N) |
| Effects of Accelerated Aging | ASTM C793 | Pass |
| Movement Capability | ASTM C719 | ± 35% |

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.

DFC-DS/0224



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