

Product Description

Tremco PUMA TC is a methyl-methacrylate (MMA) top coat. The top coat affords excellent abrasion resistance, UV stability and chemical resistance to complete the Vulkem® EWS and select TREMproof® PUMA systems.

Basic Uses

Tremco PUMA TC is commonly used as the top coat in traffic coating applications, and can also be used in buried waterproofing applications, such as under tile applications.

Features and Benefits

- Polyurethane-methacrylate (PUMA) technology delivers extreme durability while maintaining its crack-bridging characteristics.
- Rapid set-up times allow for quick overall installation, as well as the ability to open up to foot traffic one hour later.
- Can be applied at temperatures below 20 °F, which allows for continuation of projects in the colder months.
- Initiator adjustments allow for 30 to 45 min cure time between applications, even at temperatures below freezing.
- Compatible with Tremco sealants and coatings, which is essential for tie-ins, detailing and penetrations.
- Extremely forgiving application allows users to apply additional coats long after the previous coat has cured.
- Unique chemistry allows for easy repair.

Availability

Immediately available from your local Tremco Sales Representative

Packaging

Tremco PUMA TC: 6-gal pails

Colors

Gray, Slate Gray, Decorative, Tintable

Installation

Tremco PUMA components are designed for use with the Vulkem EWS and TREMproof PUMA systems. Please refer to the Application Instructions for complete application details. The techniques involved may require modification to adjust to job-site specific conditions. Consult your Tremco Sales Representative or Tremco Technical Services for site conditions and requirements.

Limitations

- Do not apply to damp or contaminated surfaces.
- Use with adequate ventilation.

Warranty

Tremco warrants its Products 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 Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Products 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.

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

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TREMCO PUMA TC
Flash Point	Set-A-Flash	53°F
VOC Content	Method 310	0 g/L
% Solids (by Weight)	ASTM D1353	100%
Drying Time @ 75°F, 50% RH	ASTM D1640	17 mil film, 1 hr
Weathering	ASTM D822 Weatherometer 350 hr	No effect
Elongation	ASTM D638	130%
Elongation	ASTM D5147	Min 30%
Tensile Strength	ASTM D638 @ 75°F	986 psi
Tearing Resistance	ASTM D4073	203 lbf
Hardness (Shore D)	ASTM D2240	55
Hardness (Shore A)	ASTM D2240	100
Abrasion Resistance (1000 cycles)	ATSM D4060	51 mgm
Low-Temperature Crack Bridging	ASTM C1305	N/A
Taber Abrasion	ASTM C501	N/A
Peak Load @ 73°F, avg.	ASTM D5147	238 lb/in
Puncture Resistance	ASTM D5602	>56 lbs
Water Absorption	ASTM D570	< 0.1%
Water Vapor Transmission	ASTM E96	0.03 perms
Adhesion-in-Peel	ASTM C794	N/A
Self-Ignition Temperature (°F)	ASTM D1929	850°
Smoke Density (%)	ASTM D2843	2.1%
Rate of Burn (in/min)	ASTM D635	0.2 in/min
SRI (white only)	ASTM E1980	96 at 5 W-M-2 –K-1 96 at 12 W-M-2 –K-1 96 at 30 W-M-2 –K-1

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