



# TECHNICAL DATA SHEET

**Tremco® PUMA TC**  
Polymethyl-Methacrylate (PMMA)  
Top Coat

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## PRODUCT DESCRIPTION

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

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## 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.

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## AVAILABILITY

Immediately available from your local Tremco Sales Representative.

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## PACKAGING

Tremco PUMA TC: 6-gal pails

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## COLORS

Decorative, Tintable, Gray, Slate Gray, Charcoal, Beige, White

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## INSTALLATION

Tremco PUMA components are designed for use with the Vulkem EWS and TREMproof PUMA systems. Please refer to the appropriate application instructions for complete application details. The techniques involved may require modification due to job-site specific conditions. Consult your Tremco representative for recommended site conditions and requirements.

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## LIMITATIONS

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

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## 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 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.

## TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
VOC Content	Method 310	0 g/L
% Solids (by weight)	ASTM D1353	100%
Drying Time @ 75 °F, 50% RH	ASTM D1640	17 mil film, 1hr
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
Peak Load @ 73 °F, avg.	ASTM D5147	238 lbf/in
Puncture Resistance	ASTM D5602	> 56 lbs
Water Absorption	ASTM D570	< 0.1%
Water Vapor Transmission	ASTM E96	0.03 perms
Self-Ignition Temperature	ASTM D1929	850 °F
Smoke Density	ASTM D2843	2.1%
Rate of Burn	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