



TECHNICAL DATA SHEET

Tremco® PUMA WC
Polyurethane-Methacrylate (PUMA)
Wear Coat

PRODUCT DESCRIPTION

Tremco PUMA WC is a two-part, chemical-curing, polyurethane-methacrylate (PUMA) wear coat. Tremco PUMA WC is applied after Tremco PUMA BC has cured. The wear coat is loaded with aggregate to give the system excellent impact, abrasion and chemical resistance.

BASIC USES

Tremco PUMA WC is commonly used as the wear coat in traffic (vehicular) coating applications.

AVAILABILITY

Immediately available from your local Tremco Sales Representative.

PACKAGING

Tremco PUMA WC: 6-gal pails

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.

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 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	65 mil film, 1hr
Elongation	ASTM D638	250%
Elongation	ASTM D5147	Min 30%
Tensile Strength	ASTM D638 @ 75 °F	1550 psi
Tearing Resistance	ASTM D4073	148 lbf
Hardness (Shore D)	ASTM D2240	45
Hardness (Shore A)	ASTM D2240	96
Peak Load @ 73 °F, avg.	ASTM D5147	81 lbf/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	35 lbs
Self-Ignition Temperature	ASTM D1929	840 °F
Smoke Density	ASTM D2843	28.7%
Rate of Burn	ASTM D635	1.7 in/min