



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

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
VOC Content	Method 310	0 g/L
% Solids (by weight)	ASTM D1353	100%
Drying Time @ 75 °F, 50% RH	ASTM D1640	65 mil film, 1 hr
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

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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Tremco Construction Products Group (CPG) brings together the Commercial Sealants & Waterproofing and Roofing & Building Maintenance divisions of Tremco CPG Inc.; Dryvit and Willseal brands; Nudura Inc.; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc.; Weatherproofing Technologies Canada, Inc.; and Pure Air Control Services, Inc.



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