



TEXAS POLYMER COATINGS

Technical Data Sheet

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Revision #2

TEXAS POLYMER COATINGS, INC.
331 Cochran Rd, Weatherford, TX 76085

texaspolymercoatings.com



TEXAS POLYMER COATINGS

Tex Tuff 30% Acrylic Sealer

Solvent-Based Acrylic Sealer UV Resistant

DESCRIPTION	Tex Tuff 30% Acrylic Sealer is an acrylic liquid formulated to be applied as a sealer on paving stone and on new or old concrete. It provides outstanding performances while exhibiting a wet look appearance, good color retention and some great water repelency .	
TYPICAL APPLICATIONS	<ul style="list-style-type: none">■ Paving stone■ Sidewalks■ Bridges■ Garages and parking lots■ Exposed aggregates■ Walls■ Concrete■ Silica bricks and stones	
ADVANTAGES	<ul style="list-style-type: none">■ Sealer: improves penetration of oil, water, dust, etc.■ Cures, seals and hardens the surface in the same process■ Creates a continuous clear film resistant to yellowing■ May be applied on horizontal or vertical surfaces■ Reduce penetration of chloride ions (salts used to melt ice); Protects the framework■ Helps resist against freezing/unfreezing cycles and against salt penetration■ Sealer on paving stone, stamped concrete, etc.■ May be applied as a sealer on old concrete	
TECHNICAL DATA	Color	Clear
	Appearance	Liquid
	Recommended Thickness	4-6 mils
	Coverage per gallon (4-6 mils thickness)	250-300 ft ²
	Drying time @ 77 °F	90-120 minutes
	Shelf Life	12 months in original unopened factory sealed containers. Keep away from extreme cold, heat, or moisture. Keep out of direct sunlight and away from fire hazards
PROPERTIES @ 73°F and 50% R.H.	Specific gravity	0.80-0.84
	Viscosity	110-140 cps
	Cleaner/Thinner	XYLENE
	Pedestrian Traffic	6-8 hours
	Normal Traffic	12-24 hours
	Heavy Equipment Traffic	> 24 hours
	Solids by weight %	30
	Finish	Glossy
	Traction Resistance (psi) ASTM D638	N.A
	Elongation %, ASTM D638	N.A
	Bond Strength (psi), ASTM D4541	>300 (substrate ruptures)
	Hardness (Shore D), ASTM D2240	N.A
	Abrasion Resistance (CS17/1000 cycles/1000 g) ASTM D4060	0.05
	Water absorption (%), ASTM D570	0.2

Please note, that the indicated mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same surface area.

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Recoat	Substrate Temp		Minimum	Maximum
	± 50 °F		N.A	N.A
	± 68 °F		8 hours	24 hours
	± 86 °F		6 hours	24 hours
Curing Details	Substrate Temp	Foot Traffic	Light Traffic	Full Cure
	± 50 °F	N.A	N.A	N.A
	± 68 °F	1 day	3 days	7 days
	± 86 °F	16 hours	2 days	5 days

SURFACE PREPARATION	<p>Old Concrete Concrete surface must be cleaned and mechanically prepared using shotblasting, sand blasting, and/or diamond grinding. All oils, sealers, curing agents, waxes and fats must be removed prior to product application. Do not apply onto wet substrates. Chloride, moisture, and pH levels should be checked prior to application.</p> <p>New Concrete New concrete should be allowed to cure for a minimum of 28 days. Compression resistance of concrete must be at least 25 MPa (3625 lbs./inch²) after 28 days and traction resistance must be at least 1.5 MPa (218 lbs./inch²). Shotblasting, sand blasting, and/or diamond grinding is required to remove the surface laitance that appears during the concrete finishing and curing process.</p> <p>Paving Stone Tex Tuff 30% Acrylic Sealer must be applied 90 days after pavement is installed. Latent product must be cleaned with a soft acid not to discolor pavement.</p> <p>Surrounding Conditions Concrete and room temperatures be above 32° F.</p>
APPLICATION	Apply mixed product on the prepared surface with a roller to obtain a uniform coating.
CLEANING	Clean all tools and materials with XYLENE. Wash hands and skin carefully with warm soapy water. Once dried, product can only be removed by mechanical means.
RESTRICTIONS	<ul style="list-style-type: none">■ Minimum/Maximum temperature of substrate: 59°F / 86°F.■ Maximum relative humidity during application and curing: 85%.■ Humidity content of substrate must be < 4% when coating is applied.■ Do not apply on porous surfaces where a transfer of humidity may occur during application.■ Avoid exterior use on substrates at ground level.■ Protect from humidity, condensation and contact with water during the 24 hour initial curing period.■ Surface may discolor in areas exposed to regular ultraviolet light.
HEALTH AND SAFETY	<p>In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult a physician. For respiratory irritation, move affected person to fresh air. Remove contaminated clothes and clean before reuse.</p> <p>Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with product may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Work in well ventilated area.</p> <p>*Consult the material safety data sheet for further information.*</p>
IMPORTANT NOTICE	All statements, recommendations and technical information contained in this document are accurate to the best knowledge of TEXAS POLYMER COATINGS, INC. The data relates only to the specific material designated herein. It may not be valid if used in combination with any other materials. It is the users' responsibility to verify suitability of this information for their own particular use, and to test this product before use. TEXAS POLYMER COATINGS, INC. assumes no legal responsibility for use upon these data. TEXAS POLYMER COATINGS, INC. assumes no legal responsibility for any direct, indirect, consequential, economic, or any other damage except to replace the product or refund the purchase price as set out in the purchase agreement.