



Surf-Crete™ multi-purpose resurfacer

Surf-Crete™ multi-purpose resurfacer is a polymer formulation that is mixed with water, cement and sand to resurface a wide range of surfaces. The Surf-Crete mixture becomes a highly mobile, easily workable, thin-bond resurfacer with controlled sag and flow characteristics. It requires no primer and adheres to virtually all types of substrates to produce a new, waterproof surface that bonds effectively with a wide range of coatings and adhesives.

Markets

- Decks
- Sidewalks
- Walls
- Pavements
- Floors
- Overheads

Compatible Substrates

- Concrete
- Asphalt
- Wood
- Gypsum
- Metal
- Coatings
- Terrazzo
- Adhesives

Benefits

- Excellent adhesion to virtually all types of substrates
- Waterproof surface that bonds to all types of coatings and adhesives
- Feathers to a “zero edge” without losing strength, flexibility or adhesion
- Strong, durable and abrasion-resistant
- 18 mils thickness with typical two-coat application
- No primer required
- Withstands all kinds of weather conditions including freeze-thaw cycling

How It Works

Surf-Crete multi-purpose resurfacer is a polymer which, when mixed with water, cement and sand, becomes a highly workable resurfacing agent that will stick to virtually anything, with a bond strength only limited by the strength and bonding capabilities of the substrate to which it is applied.

How to Apply

Temperature

No restrictions.

Surface Preparation

Surface must be clean, dry and free of loose debris. Surf-Crete resurfacer will not adhere properly to standing oil or grease, visibly wet or damp surfaces, silicone coatings or residue.

- Materials that are soft, flaky, dusty or chalky, or that have low internal strength should be removed.
- Glossy surfaces should be roughened by sanding or grinding.

Cement

Surf-Crete resurfacer should be mixed with any of the Portland cements and sand. Other cements may be used for quicker drying, higher chemical and heat resistance, and/or for drying in low temperatures.

Sand

90-grit sand should be used for normal resurfacing projects. Smaller (finer) grits may be used for smoother surfaces. Larger (coarser) grits should be used for increased skid resistance and surface texture.

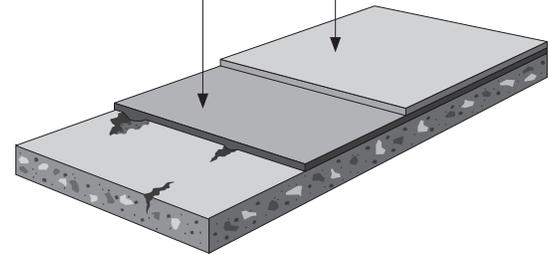
Application Method (Overlaying)

- Mixture should be troweled in for tight spots, vertical surfaces and overheads.
- Mixture should be applied with squeegees for horizontal surfaces.

Application Rate

One Coat of Thickness
Averages 9 Mils

Two Coats of Thickness
Average 18 Mils



Other Considerations

If the treated substrate is not to be overlaid with a floor covering, a water-based coating should be applied to protect against staining.

Limited Warranty

Pavement Technology, Inc. (PTI) warrants its products to be of the highest quality. Refund of purchase price or replacement of product shall constitute the limit of PTI's liability. PTI makes no other warranties, express or implied, with respect to the products or any service and disclaims all other warranties, including any warranty of merchantability and fitness for particular purpose. This limited warranty may not be modified by reps of PTI, its distributors or dealers.



Bridge Sidewalk After Treatment

Specifications/Testing

Property	Test Method	Requirements
Bond Strength		
With common Portland cements	ASTM D4541	Range: 414-466 psi Average: 434 psi
Compression Strength		
7-day cure	ASTM C579	6,225 psi
28-day cure	ASTM C579	6,622 psi
Abrasion Resistance		
1000 cycles, H-22 Calibrade wheels	ASTM C501	Average Depth of Wear: 24 mils (roughly equivalent to 5,000 psi concrete)
Weathering		
Modified to include freeze/thaw cycle: 31 cycles (5,208 hours)	ASTM G43	No sign of peeling, chalking, or blistering No loss of adhesion No fading or algae growth
Smoke And Toxic Fume Emission		
Negligible emission	British Standard 6853	Accepted
Skid Resistance		
Dry Conditions	British Pendulum Test	65
Wet Conditions	British Pendulum Test	58

*If you are interested in reducing pollution related to vehicle exhaust emissions,
ask about our photocatalytic TiO₂ deep penetrating resurfacer.*

Safety Guidelines

Contractors shall follow all stipulated application requirements.

Manufacturer and National Distributor

Pavement Technology, Inc., Westlake, OH



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