

# WEARCOAT 66™

## Traction Enhancing Coating



**DESCRIPTION**

WEARCOAT 66 is a solvent based cyclo-aliphatic urethane based coating. It produces a tough, glossy, hard-wearing and chemically resistant surface for the protection of urethane and polyester composites, concrete, masonry, and over approved substrates. WEARCOAT 66 is available as a transparent, glossy coating or as a pigmented material that possesses excellent color fastness and ultra-violet radiation resistance as well as high tensile strength. WEARCOAT 66 will encapsulate most aggregates, including sharp, angular types used for traction enhancement.

**OUTSTANDING FEATURES**

- Available in a wide variety of colors and textures
- Will encapsulate rough, angular aggregates
- Cured film is flexible, tough, and abrasion-resistant
- May be used for traction enhancement in pedestrian and vehicular situations
- Accommodates normal substrate movement and thermal stresses
- Highly resistant to staining and deterioration from most chemicals
- Maintains its attractive, clean appearance

- Easily scrubbed and cleaned to maintain its attractive, clean appearance

**APPLICATION**

Caution! Read this entire data sheet before continuing.

All surfaces to be coated must be clean, dry, and completely free of loose particles, oil, grease, or any substance that would interfere with proper bond. WEARCOAT 66 may be applied over products such as POLAFLOOR EPOXY HIGH BUILD at any time after the surface has been thoroughly set for at least 1 hour. If overcoating a painted surface, check compatibility first, as some paints may bleed color or be lifted by solvents.

Add Part 'B' color concentrate to the clear Part 'A' and stir thoroughly for 3 minutes. WEARCOAT

66 is applied at a rate of 400 square feet per gallon per coat.

WEARCOAT 66 may be applied by brush, roller, or airless spray technique in a thin, even coat. If traction enhancement is required, iron-free sharp white quartz sand or any approved aggregate may be broadcast into the wet WEARCOAT 66. After the first coat has thoroughly dried with the embedded aggregate, a second coat of WEARCOAT 66 is applied to thoroughly encapsulate the aggregate. Sized and graded sharp white quartz sand and coarse Estes aggregate are available from Andek Corporation. Equipment may be cleaned with toluene or xylene while the WEARCOAT 66 is still wet.

**MAINTENANCE**

To repair damaged areas, coarse sanding should be followed by thorough cleaning with fresh

SPECIFICATIONS	
Coating Type	Two-part aliphatic urethane
VOC	320 gms/liter
Pot Life	3 hours @ 70°F (50% R.H.)
Shelf Life	1 year (unopened) from date of manufacture
Recommended Thickness	3 mils dry film thickness per coat
Coverage	Approximately 2 coats @ 400 square ft per gallon per coat, depending upon substrate
Packaging	1 gallon, 5 gallons
Color	A variety of standard and custom colors

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water. WEARCOAT 66 may then be reapplied to the clean, dry surface.

### LIMITATIONS

Store in a cool, dry place away from direct sunlight. Avoid opened containers, as moisture will cure the material. Do not apply in temperatures below 35°F. Application must be protected from precipitation for at least 4 hours. Shelf life is 12 months when stored in proprietary sealed containers between 45°F

### PRECAUTIONS

During handling of this product, it is recommended that standard safety equipment such as rubber gloves, chemical splash goggles and coveralls be worn. Avoid contact with skin and eyes. In case of contact, flush with clear water for 15 minutes. In case of eye contact, get immediate medical attention in

addition to flushing. Do not ingest. In case of ingestion, do NOT induce vomiting and seek immediate medical attention.

**Keep out of reach of children and pets.**

For more information, call our Technical Department.

TECHNICAL DATA		
Resistance to Corrosion	10	ASTM D-1654
Shore 'A' Hardness	95	ASTM D-2240
Tensile Strength	4,500 lb/square inch	ASTM D-412
Elongation	10%	ASTM D-412
Solids Content	72% (B.W.); 66% (B.V.)	ASTM D-1044
Flashpoint	110°	FTMS 141A (M4293)
Flexibility @ Low Temperatures	180 deg. Bend @ 20°F	ASTM C-711
Impact Resistance	4mm indent	ASTM D-1474
Water Absorption	Zero	ASTM D570-77
Working Time	3 hours @ 70°F (50% R.H.)	
Drying Time	1½ hours @ 70°F (50% R.H.)	
Cure Time	24 hours @ 70°F	
Weatherometer (5000 hours)	Pass	ASTM G-23

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Effective Date: 10/2014

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