

WEARCOAT 44™

High Performance Polyurethane



DESCRIPTION

WEARCOAT 44 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 foam, horizontal concrete and vertical masonry and brickwork. WEARCOAT 44 is available as a transparent, glossy coating or as a pigmented material that possesses excellent hydrolytic stability and ultra-violet radiation resistance as well as high tensile strength.

OUTSTANDING FEATURES

- Provides a long service life
- Accommodates normal substrate movement and thermal stresses
- Withstands heavy use and environmental attack
- Maintains its attractive, clean appearance
- Easily scrubbed and cleaned

APPLICATION

Caution! Read this entire data sheet before continuing.

All surfaces to be coated must be clean, dry and completely free of oil, grease, dust, and any other substance that may interfere with adhesion.

Add Part 'B' color concentrate to

the clear Part 'A' and stir thoroughly for 3 minutes. WEARCOAT 44 may be applied by brush, roller or airless spray technique. Apply at a rate of 400 square feet per gallon per coat. Care must be taken to avoid creating foam or trapping air which may result in pinholes or hazing.

Tools and equipment may be cleaned with xylene.

MAINTENANCE

To repair damaged areas, coarse sanding should be followed by thorough cleaning with fresh water. WEARCOAT 44 may then be re-applied 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 and 85°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.

SPECIFICATIONS	
Coating Type	Two-part aliphatic urethane
VOC	450 gms/liter
Pot Life	3 hours @ 70°F (50% R.H.)
Shelf Life	12 months
Recommended Thickness	4 mils dry film thickness
Coverage	2 coats @ 400 square feet per gallon per coat
Packaging	1 gallon or 5 gallon units
Color	A variety of standard colors and custom colors

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TECHNICAL DATA		
Flashpoint	110°F	FTMS 141A (M4293)
Shore 'A' Hardness	95	ASTM D-2240
Tensile Strength	4,500 lb/square inch	ASTM D-412
Elongation	10%	ASTM D-412
Solids Content	48% (B.W.); 44% (B.V.)	ASTM D-1044
Flexibility @ Low Temperatures	180 deg. Bend @ 20°F	ASTM C-711
Impact Resistance (4mm indent)	No cracking or loss of adhesion	BS3900 Part E3
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	
Exterior Durability	Good resistance to UV and harsh weather extremes	

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