

CLEARCOAT 44™

High Performance Clear Polyurethane



DESCRIPTION

CLEARCOAT 44 is a single component, moisture cure, aliphatic urethane coating. It produces a tough, glossy, hard-wearing and chemically resistant surface. CLEARCOAT 44 may be used alone as a clear, tough gloss coat over masonry, concrete, wood, or other approved substrates.

OUTSTANDING FEATURES

- ✓ Cured film is flexible, tough, and abrasion resistant
- ✓ Has fast setting properties and rapid strength build
- ✓ User friendly, fast application
- ✓ Will not discolor or degrade under UV radiation
- ✓ Reduces down time after coating application
- ✓ Will accommodate movement as well as resist abrasion and wear

APPLICATION

Caution! Read this entire data sheet before continuing.

All surfaces to be coated must be clean, dry, and completely free of loose particles, grease, oil, or any substance that would interfere with proper bond. CLEARCOAT 44 may be applied over products such as Polafloor Colorcoat at any time after the Colorcoat has been thoroughly

dry for at least 1 hour. If over-coating a painted surface, check compatibility first, as some paints may bleed color or be lifted by solvents.

CLEARCOAT 44 may be applied by brush or airless spray technique in a thin, even coat. Care should be taken to avoid creating foam or trapping air bubbles which may later result in pinholes or hazing. If traction enhancement is required, iron-free sharp white quartz sand may be broadcast into the wet CLEARCOAT 44. After the first coat has thoroughly dried with the embedded sand, a second coat of CLEARCOAT 44 is applied to thoroughly encapsulate the aggregate. Sized and graded sharp white quartz sand is available from Andek Corporation.

Equipment may be cleaned with

toluene or xylene while the CLEARCOAT 44 is still wet.

LIMITATIONS

Do not use below 35°F. Do not apply if the application cannot be protected from precipitation for 4 hours. Shelf life is 12 months when stored in proprietary containers between 45°F and 95°F. Open containers will exhibit a reduced shelf life due to moisture absorption.

MAINTENANCE

Damaged areas should be thoroughly sanded and cleaned and then recoated. Dirt accumulations may be removed with warm water and detergent.

PRECAUTIONS

WARNING! This product is flammable. Avoid sparks, open flame, and use EP rated equipment. Use only in well ventilated areas. Do not ingest. In

SPECIFICATIONS	
Coating Type	Cyclo-aliphatic urethane
VOC:	500 gms/liter
Pot Life:	Single component
Shelf Life:	12 months
Recommended Thickness:	3 mils dry film thickness per coat
Coverage:	250 square feet per gallon
Packaging:	1 gallon or 5 gallon units
Color:	Clear

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case of ingestion, do NOT induce vomiting and seek medical attention immediately. Avoid contact with skin and eyes. In case of contact, flush with clear water for 15 minutes. In case of contact with eyes, seek medical attention in addition to flushing.

Keep out of reach of children and pets.

TECHNICAL DATA		
Shore 'D' Hardness	95	ASTM D-2240
Elongation	500%	ASTM D-412
Water Absorption	Zero	ASTM D570-77
Impact Resistance	4mm indentation	No cracking or loss of adhesion
Solids Content	48% (B.W.); 44% (B.V.)	ASTM D-1044
Flashpoint	105°	Seta
Tensile Strength	2,000 psi	ASTM D-412
Low Temperature Flexibility	180 deg. Bend @ 20°F	ASTM C-711
Abrasion Resistance	30mg loss/1,000 cycles	ASTM D-4060
Drying Time	1½ hours @ 70°F (50% R.H.)	
Cure Time	24 hours @ 70°F (50% R.H.)	
Abrasion Resistance	30 mg/ms/1,000 cycles	ASTM D-4060
Sealant Waterproofing and Restoration Institute validation on file		

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