

# 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 after the POLAFLOOR COLORCOAT has been thoroughly dry for at least

1 hour. If overcoating 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 or Soft Sand Rubber Granules may be broadcast onto 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 and Sand Rubber Granules are 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.

SPECIFICATIONS	
<b>Coating Type</b>	Cyclo-aliphatic urethane
<b>VOC:</b>	300 gms/liter
<b>Pot Life:</b>	Not applicable (single component)
<b>Shelf Life:</b>	1 year (unopened) from date of manufacture
<b>Recommended Thickness:</b>	3 mils dry film thickness per coat
<b>Coverage:</b>	Approximately 250 square ft per gallon, depending upon substrate
<b>Packaging:</b>	Available in 1 gallon and 5 gallon pails
<b>Color:</b>	Clear

PRODUCT DATA

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## PRECAUTIONS

Read the container label warning and Material Safety Data Sheet (MSDS) for important health and safety information prior to the use of this product.

For additional information, contact our Technical Department.

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

## TECHNICAL DATA

TECHNICAL DATA		
Shore 'A' Hardness	95	ASTM D-2240
Elongation	10%	ASTM D-412
Water Absorption	Zero	ASTM D-570-77
Impact Resistance	4mm indentation - PASS	ASTM D-1474
Solids Content	48% (B.W.); 44% (B.V.)	ASTM D-1044
Flashpoint	105°	FTMS 141A (M4293)
Tensile Strength	4,000 psi	ASTM D-412
Low Temperature Flexibility	180 deg. Bend @ 20°F	ASTM C-711
Drying Time	1½ hours @ 70°F (50% R.H.)	
Cure Time	24 hours @ 70°F (50% R.H.)	
Weatherometer (5,000 hours)	Pass	ASTM G-23

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