



TECHNICAL DATA SHEET

Acrylic Diamond Shield

PRODUCT

The Concrete Protector's Acrylic Diamond Shield is a styrene copolymer in a solvent base sealer.

STANDARD COLORS: Clear

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) N/A

TACK FREE (DRY TO TOUCH) Less than an hour

RECOAT OR TOPCOAT N/A

LIGHT FOOT TRAFFIC 2-5 hours

FULL CURE 28 days

COVERAGE

Recommended for use as a cure and seal for new concrete or as a seal coat for decorative concrete coatings.

COVERAGE PER GALLON: Old Concrete 330-400 sq ft
New Concrete 220-350 sq ft.

MIX RATIO: N/A

RECOMMENDED FILM THICKNESS: N/A

PACKAGING INFORMATION: 5 Gallon

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: N/A

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: N/A

ADHESION: N/A

VISCOSITY: N/A

ABRASION RESISTANCE: N/A

ULTIMATE ELONGATION: N/A

HARDNESS: N/A

VOLATILE ORGANIC CONTENT: <300g/l

SHELF LIFE: Up to 2 years in unopened containers

CHEMICAL RESISTANCE

REAGENT	APPEARANCE
ACETIC ACID	BLISTERING
HYDROCHLORIC ACID	LOSS OF GLOSS
NITRIC ACID	SLIGHT BLISTERING
MOTOR OIL	NO CHANGE
GASOLINE	SOFTENED
SODIUM HYDROXIDE	NO CHANGE
SULFURIC ACID	NO CHANGE

RATING KEY: A - NOT RECOMMENDED, B - 2 HOUR TERM SPLASH SPILL, C - 8 HOUR TERM SPLASH SPILL, D - 72 HOUR IMMERSION, E - LONG TERM IMMERSION.

NOTE: EXTENSIVE CHEMICAL RESISTANCE INFORMATION IS AVAILABLE THROUGH YOUR SALES REPRESENTATIVE.

BENEFITS

The Concrete Protector Acrylic Diamond Shield dries by solvent evaporation to a tough protective film. Sealer has an excellent resistance to UV light, water, and a wide variety of chemicals.

INSTRUCTIONS

PRODUCT MIXING: Stir before using.

SURFACE PREPARATION: Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

CLEANUP: Use Xylene

FLOOR CLEANING: Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

RESTRICTIONS: Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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