



TECHNICAL DATA SHEET

GRANISEAL

PRODUCT

The Concrete Protector's GraniSeal is a solvent based, two component, 66% solids polyaspartic aliphatic urethane clear coating. Fast setting - excellent chemical, UV, and abrasion resistance 2 component product (*color pak can be added*).

STANDARD COLORS: Clear

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) 15-20 Mins

TACK FREE (DRY TO TOUCH) 1-3 hours

RECOAT OR TOPCOAT 2-4 hours

LIGHT FOOT TRAFFIC 1-5 hours

FULL CURE 28 days

COVERAGE

Recommended for areas where a thin build clear coat is desired over a broadcast system.

Typical Coverage over Color Flakes:
1st Coat: 160 sq ft per gal
2nd Coat: 260 sq ft per gal

Typical Coverage over a smooth coat (no texture) of our Neat Coat Epoxy (as a final protective top coat):
300-350+ sq ft per gal

Typical Coverage over Quartz (SINGLE broadcast):
1st Coat: 100 sq ft per gal
2nd Coat: 170 sq ft per gal

Typical Coverage over Quartz (DOUBLE broadcast):
1st Coat: 100 sq ft per gal
2nd Coat: 120 sq ft per gal
3rd Coat: 200 sq ft per gal

MIX RATIO: 1 to 1 by volume

RECOMMENDED FILM THICKNESS: 2-9 mils

PACKAGING INFORMATION: 2 Gallon Kit

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: N/A

COMPRESSIVE STRENGTH: 11,900 psi @ ASTM D695

TENSILE STRENGTH: 3,800 psi @ ASTM D638

ADHESION: N/A

VISCOSITY: >250 cps

ABRASION RESISTANCE: 1000 gram total load and 500 cycles = 20 mg loss

ULTIMATE ELONGATION: 2.5%

HARDNESS: Shore D= 80

VOLATILE ORGANIC CONTENT: 2.80# per gallon

SHELF LIFE: 6 months in unopened containers

CHEMICAL RESISTANCE

REAGENT	RATING
MEK	A
1,1,1 TRICHLOROETHANE	NO EFFECT
METHANOL	NO EFFECT
ETHYL ALCOHOL	NO EFFECT
5% ACETIC ACID	NO EFFECT
XYLENE	NO EFFECT
10% SULFURIC ACID	NO EFFECT
10% HYDROCHLORIC ACID	NO EFFECT
SKYDROL	NO EFFECT
50% SODIUM HYDROXIDE	NO EFFECT
URINE	NO EFFECT
BLOOD	NO EFFECT
BRAKE FLUID	NO EFFECT

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.

LIMITATIONS

Substrate temperature must be 5°F above dew point.

All new concrete must be cured for at least 30 days prior to application.

Color stability or gloss may be affected by environmental conditions such as high humidity or chemical exposure.

Due to the quick cure rate and dry time, its suggested that the user obtain a sample and thoroughly evaluate the product before using.

Physical properties are typical values and not specifications.

Too thick of an application may result in surface imperfections, or bubbling.

Colors may vary from batch to batch.

INSTRUCTIONS

PRODUCT MIXING: Mix ratio is one to one by volume. Kits are in pre-measured containers and should be mixed as supplied in the kit. After mixing two parts, mix well with slow speed until the material is fully mixed. After mixing, transfer mixed material to another pail and again remix. It is then now ready to apply.

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

CLEANUP: Use xylol

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.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR

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