CHEM-THANE CRU

CHEMICAL RESISTANT URETHANE FLOOR COATINGS

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

CHEM-THANE CRU is a highly chemical resistant floor coating designed for use on floors which are subjected to severe service and requirements to withstand a variety of chemicals. It is extremely hard and long lasting.

CHEM-THANE CRU can be applied as a clear gloss or semi-gloss finish over sound, intact, existing floor coatings to improve the chemical resistance and wear properties.

CHEM-THANE CRU is suitable for both interior and exterior use. It has excellent gloss and color retention making it ideal for use in multiple types of applications.

The manufacturer should be contacted regarding the suitability of the primer coatings and surface conditions. If used over itself as a second coat, care must be taken to assure that the first coat is not completely cured or product will not properly adhere.

CHEM-THANE CRU does not contain lead or chromate pigments and does not contain any types of solvents which are considered HAPS (hazardous air pollutants).

Special orders are available for areas where VOC restrictions require lower levels and are available as low as 0 grams per liter.

PRODUCT DATA

VOC Content:
3.33 lbs/gal; 400 grams/liter maximum

Type of Material:
Catalyzed Aliphatic Polyester Urethane

Volume Solids:
58%, depending on color

Estimated Coverage:
930 sq. ft./gal @ 1 mil DFT

Recommended Film Thickness:
2-5mils Dry

Method of Application:
Spray, brush or roller

Number of Coats:
One

Thinner and Clean Up Solvent:
148 Thinner

Shelf Life:
One Year

Pot Life:
6 hours minimum @ 75'F

Dry Time:
1-2 hours to touch; Recoat in 4-8 hours

Flash Point:
100'F minimum

Color and Gloss:
Standard colors; and clear: High gloss, Semi Gloss

Mixing Ratio:
4 parts base to 1 part catalyst by volume

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SURFACE PREPARATION

The surface to be coated shall be absolutely clean(free of contamination). Apply only over properly prepared and primed surfaces.
Care must be taken in selection of the primers and surface preparation.
If **CHEM-THANE CRU** is applied over itself, the first coat must not be completely cured or adhesion will be very poor.

MIXING

Mix contents of base component separately prior to addition of catalyst. Mix total contents of catalyst container into base container using slow agitation to avoid incorporation of moisture. If catalyst container is bulged or the contents not clear, do not use. Mix only the number of kits that can be applied within a 4 hour period. Never mix components from one manufacturer with those of another.

APPLICATION INSTRUCTIONS

Can be applied by spray, brush, or roller.

TEMPERATURES

	Material	Surfaces	Ambient	Humidity
Normal	60-85'F (16-29'C)	60-85'F (16-29'C)	60-85'F (16-29'C)	40-80%
Minimum	50'F(10'C)	40'F(4'C)	40'F(4'C)	10%
Maximum	100'F (38'C)	120'F (49'C)	95'F (35'C)	80%

Do not apply when the surface temperature is less than 5'F (or 2'C) above the dew point.

SPRAY

Spray guns:

Conventional	Fluid Tip	Air Cap
DeVilbiss - MBC 510	E	765
Binks - Model 18	66	63PB

Airless:
Graco - 30:1 ratio with golden gun or Speeflo Commander 30 with H Gun - .013 or .015 orifice.

Care must be taken to flush lines with thinner after use to prevent hardening.

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