



CLEAR CRU SERIES 295

PRODUCT PROFILE

GENERIC DESCRIPTION Aliphatic Polyester Polyurethane

COMMON USAGE Extremely hard, chemical-resistant clear urethane floor coating used as a finish coat for a variety of floor coating systems. It has superb flow characteristics, excellent resistance to abrasion, wet conditions, corrosive fumes and chemical contact. Gloss among the best of air dried finishes. Typically used over epoxy and urethane flooring systems for increased abrasion and chemical resistance.

COLORS Clear

COATING SYSTEM

PRIMERS **Concrete:** Series 201, 205, 280, 281, 287

INTERMEDIATE Series 205, 210, 222, 223, 224, 237, 238, 280, 281, 284, 285, 287, 290 and 291. **Note:** Series 222, 223, 224, 237 can be coated with 295 only after 284 or 285 has been applied. Because epoxies will chalk and discolor when exposed to ultraviolet light, exterior exposures require a pigmented urethane over epoxy coatings before the Series 295 may be applied.

SURFACE PREPARATION

ALL SURFACES Must be clean, dry and free of oil, grease and other contaminants. Existing coatings require scarification and compatibility testing.

TECHNICAL DATA

VOLUME SOLIDS 62 ± 2.0% (mixed)

RECOMMENDED DFT 2.0 to 3.0 mils (50 to 75 microns) per coat.

CURING TIME

Temperature	To Recoat	To Service	Chemical Resistance
75°F (24°C)	12-48 hours	24 hours	7 days

Curing time varies with surface temperature, air movement, humidity and film thickness.
Note: Recoating of Series 295 must be done within 48 hours of the initial application. Recoating of Series 295 cured more than 48 hours as well as the topcoating of other aged polyurethanes requires scarification of the urethane.

VOLITILE ORGANIC COMPOUNDS **Unthinned:** 2.86 lbs/gallon (343 grams/litre)
Thinned 8%: 3.12 lbs/gallon (373 grams/litre)

HAPS **Unthinned:** 0.47 lbs/gal solids
Thinned 8%: 0.46 lbs/gal solids

THEORETICAL COVERAGE 994 mil sq ft/gal (24.4 m²/L at 25 microns). See APPLICATION for coverage rates. †

NUMBER OF COMPONENTS Two: Part A and Part B (2.5 Parts A to 1 Part B by volume)

PACKAGING

	PART A (Partially filled)	PART B (Partially filled)	When Mixed Yield
Large Kit	3 gallon pail	1 gallon can	3 gallons (11.4L)
Small Kit	1 gallon can	1/2 gallon can	1 gallon (3.79L)

NET WEIGHT PER GALLON 8.78 ± 0.25 lbs (3.98 ± .11 kg) (mixed)

STORAGE TEMPERATURE Minimum 20°F (-7°C) Maximum 110°F (43°C)

TEMPERATURE RESISTANCE (Dry) Continuous 250°F (121°C) Intermittent 275°F (135°C)

SHELF LIFE 12 months at recommended storage temperature.

FLASH POINT - SETA Part A: 108°F (41°C) Part B: >200°F (93°C)

HEALTH & SAFETY Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.
Keep out of the reach of children.

CLEAR CRU | SERIES 295

APPLICATION

COVERAGE RATES

	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m ² /Gal)
Suggested	2.5 (65)	4.0 (100)	398 (37.0)
Minimum	2.0 (50)	3.0 (75)	497 (46.2)
Maximum	3.0 (75)	5.0 (125)	331 (30.8)

Allow for overspray and surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. †

MIXING

Stir contents of each container, until uniform in consistency. Slowly mix 2.5 parts A component to 1 part B while under agitation. Continue agitation until the two components are thoroughly mixed. Do not use mixed material beyond pot life limits. Part B is moisture-sensitive and will react with atmospheric moisture. Unused material must be kept tightly closed at all times. *Important: Mixing ratio is 2.5 (Part A) to 1 (Part B) by volume.*

THINNING

Thin up to 8% or 10 ounces (190 mL) per gallon with No. 39 Thinner. **Note:** Thinning is required for proper application. **Caution: Do not add thinner if more than thirty (30) minutes have elapsed after mixing.**

POT LIFE

1 1/2 hours at 60°F (16°C) 1 1/4 hours at 77°F (25°C) 1 hour at 100°F (38°C)

APPLICATION EQUIPMENT

Roller: Use a 1/4" (6.4 mm) high quality and shed-resistant synthetic nap cover. Do not use medium or long nap roller covers.

Brush: Use high quality natural or synthetic bristle brushes.

Airless Spray

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.011"-0.015" (230-330 microns)	2700-3300 psi (207-241 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	100 mesh (150 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

SURFACE TEMPERATURE

Minimum 40°F (4°C) Maximum 135°F (57°C)

The surface should be dry and at least 5°F (3°C) above the dew point. This product is moisture-sensitive until cured. Application of the coating above the maximum recommended dry film thickness may cause bubbles to form in the cured film.

CLEANUP

Flush and clean all equipment immediately after use with the recommended thinner or MEK.

† Values vary with application.

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