

ISO-FLEX® 630

Industrial floor coating

DESCRIPTION:

ISO-FLEX® 630 coating is a two-component polyurethane, industrial floor coating with exceptional gloss and color retention properties. ISO-FLEX 630 coating is specifically designed for use in both interior and exterior applications, and is available in clear and pigmented versions.

BASIC USE:

ISO-FLEX 630 coating is used wherever a light-stable, chemical resistant, thin polyurethane coating is required. It may be applied directly to concrete or over other ISO-FLEX polyurethane coating systems. Typical applications include concrete showroom floors, tennis courts, decorative plazas and as a special-colored light stable topcoat for the ISO-FLEX 750U and ISO-FLEX 750EU Deck Coating Systems.

STANDARD COLOR:

Clear.
(Special colors available upon request.)

PACKAGING:

ISO-FLEX 630 coating is available in 4 gallon (15.1 liter) units.

ADVANTAGES:

- Excellent chemical resistance: Virtually no effect when exposed to battery acid, brake fluid, alcohol, alkalies and many other harsh chemicals.
- Outstanding gloss and color retention even under ultraviolet exposure.
- Good abrasion/wear resistance under normal traffic conditions.
- Relatively fast dry times for quicker turnovers.

LIMITATIONS:

- Application must be to clean, dry substrate.
- Requires a primer over most surfaces including steel, aluminum, concrete and masonry materials.
- Install above 40 degrees F (4.4 degrees C).

PRECAUTIONS:

ISO-FLEX 630 coating is a flammable liquid and must be used with adequate ventilation and personal protection. Refer to the Material Safety Data Sheet (MSDS) for detailed health and safety information prior to use.

INSTALLATION:

ISO-FLEX 630 coating should be applied to clean, dry substrate. Surface preparation and primer selection shall be at the manufacturer's recommendation. A primer is not required over porous concrete.

The material may be spray, brush or roller applied. Tools must be cleaned with solvent. ISO-FLEX 630 coating is applied in two coats for a total coverage of 100 to 200 feet²/gallon. Coverage rates will vary with concrete porosity and other substrate conditions.

TECHNICAL DATA:

(Field Properties May Vary)

Property & Test Method	Results
Weight per Gallon ASTM D1475	10.6 pounds/gallon (color-dependent)
Solids —	62% +/-2 (volume)
Hardness (Shore A) ASTM D2240	95
Viscosity @ 75 degrees F (23.9 degrees C) ASTM D2196 Brookfield RVT No.5 @ 20 RPM	200 to 300 cps
Flash Point ASTM D56	81 degrees F (27.2 degrees C)
Cure Time ASTM C920	10 to 12 hours (recoat overnight)
Abrasion Resistance @ 75 degrees F (23.9 degrees C) ASTM D4060 Tabor 1000 rev., CS 17 Wheel 1000 grams @ 1000 cycles	0.030 grams
Weathering Resistance 2000 hours Atlas	No change
Pot Life @ 77degrees F (25 degrees C) —	3 to 4 hours
Shelf Life @ 75 degrees F (23.9 degrees C) —	1 year in sealed containers
Coverage —	100 to 200 feet ² /gallon

NOTE:

TECHNICAL DATA, shown above, is based on performance of new material only. Once applied, material properties are likely to be affected over time due to environmental factors such as aggressive UV exposure and/or extreme temperatures.

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