



Isothane 5200 Basecoat

Isothane 5200 is a single-component, moisture-cure, elastomeric polyurethane coating. Isothane 5200 can also be color customized.

APPLICATIONS

- Composite coating
- Concrete coating
- Floor Coating
- Pedestrian traffic surfaces such as decks and balconies
- Plywood
- Waterproofing

PRODUCT ADVANTAGES

- Adhesion on wide variety of substrates
- Can be applied by rolling or brushing.
- Cures at ambient temperature
- Long pot life
- One Component
- Waterproof

*Values given are not intended to be used in specific preparation

Component Properties

Color - ISO	Gray/Various
Specific Gravity - 74°F, ISO	1.1
Viscosity - ASTM D-2196 - 74°F, ISO	5000 cps
% Solids - by Weight	90 %
% Solids - by Volume	88 %

Typical Physical Properties

Percentage Solids	90 %
Tear Strength - ASTM D624, Die C	142 pli
Tensile Strength - ASTM D412	835 psi
Elongation - ASTM D412	315 %
VOC	.75 lbs /gal
Theoretical Coverage per Gallon - 10 mils DFT	140 sq. ft/gal

RECOMMENDED HANDLING INSTRUCTIONS

• SURFACE PREPERATION

Surfaces must be dry, clean and free of foreign matter and particulates. Surface may be slippery when wet. Containers that have been opened must be used as soon as possible. Do not dilute.

• MIXING

Isothane 5200 should be mixed well at a low speed for 3-5 minutes prior to use. Failure to properly mix the material could compromise the resulting physical properties of the cured coating.

• APPLICATION

To apply use a squeegee or a notched trowel. To achieve a slip resistant surface, use dry, rounded sand of 16 or 20 mesh or as required to achieve a slip-resistant finish, into the wet second coat, covering it completely. Broadcast sand until refusal and when the coating is dry, remove extra loose sand, preferably by vacuum.

• RECOAT

Most applications require one or two coats. Re-coating must be done within 48 hours to achieve good adhesion.

• CURE

At 75°F and 50% relative humidity, allow each coat to cure 16 hours before proceeding to the next coat.

Cure time will change based on temperature and humidity. If more than 48 hours passes between coats, reprime the surface before proceeding.

STORAGE

Protect from moisture. If the ISO is exposed to moisture, including moisture from the air, it will release CO₂ gas. If placed in a sealed container, this gas can cause a dangerous buildup of pressure potentially resulting in injury or death.

SAFETY

-Use only in well-ventilated areas.-Wear chemically resistant rubber gloves, safety glasses, and an apron.-Avoid prolonged or repeated contact with skin.-In case of skin contact, wipe affected area with isopropyl alcohol, followed by soap and water.-I

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