

IsoCoat HRN 5500

Isotec's IsoCoat HRN 5500 is a two-component hybrid low-pressure spray coating. This product was developed for contractors to use in various conditions and applications.

APPLICATIONS

- Boat Decks
- Cargo and Utility Vehicles
- Concrete Surfaces
- Containment
- Emergency Equipment linings
- Industrial Floors
- Truck Bed & Trailers Applications
- Various OEM Applications
- Waterproofing

PRODUCT ADVANTAGES

- 100% Solids
- Convenient 1:1 mixing ratio by volume
- Fast cure; can be handled/walked on in less than 1 hour

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

Component Properties

Color - ISO	Pale yellow
Color - POL	Black
Viscosity - ASTM D-2196 - 74°F, ISO	1340 cps
Viscosity - ASTM D-2196 - 74°F, POL	540 cps
Weight per gallon - ISO	9.44
Weight per gallon - POL	8.77

Reactivity Profile

Ratio by Weight - ISO:POL	1.123 : 1.00
Ratio by Volume - ISO:POL	1:1
Gel Time - 100 gram sample, 74°F	14 - 16 Seconds
Tack Free Time - 100 gram sample, 74°F	20 - 24 Seconds
Sprayed Gel Time	5 Seconds
Sprayed Tack Free Time	8 Seconds
Full Cure	7 Days

Typical Physical Properties

Hardness - ASTM D2240 - Shore D	55 Shore D
Tear Strength - ASTM D624, Die C	162 pli
Tensile Modulus - ASTM D412	3200 psi
Tensile Modulus - ASTM D412 - 100%	1120 psi
Tensile Strength - ASTM D412	1300 psi
Elongation - ASTM D412	120 %

RECOMMENDED HANDLING INSTRUCTIONS

Isotec® International's Recommended Application and Handling Instructions

- 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.
- In case of eye contact, flush eyes with water for 15 minutes and consult a physician.
- If swallowed or comes into contact with eyes, seek medical attention immediately.
- Always mix/roll POL side prior to use to ensure a homogenous product.

IsoCoat HRN 5500 was designed to be sprayed with lower pressure spray equipment. IsoCoat HRN 5500 can be sprayed at a temperature range of 75-95F. The recommended pressure settings are a material output of 45psi and the air regulator set to 60-70 psi.

STORAGE

Protect ISO and POL side from moisture. If the ISO side material 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. If the POL side is exposed to excess moisture and then applied it may cause weak or foamed material to be applied.

SAFETY

-Refer to the product SDS for all relevant safety information.

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