

Technical Data Sheet

IB Concrete Sealer

Pro Grade Primer/Sealer for Masonry

IB Roof Systems®

Product Description



IB Concrete Sealer is a high quality, rapid-drying, water-based primer intended for sealing concrete and masonry surfaces.

Packaging

5-Gallon Pail, & 55 Gallon Drums

Features and Benefits

- Easy to apply
- No mixing
- Rapid drying formulation
- Excellent resistance to dirt retention, chalking and weathering
- Low VOC
- Color: Clear

Product Use

IB Concrete Sealer is a clear bond enhancing primer/seal coat for concrete and masonry surfaces.

Ordering Information

IB Concrete Sealer

Item Code	Description	Size	Class
9-CS	IB Concrete Sealer	5-gal	55
9-CS55	IB Concrete Sealer	55-gal	55

Coverage Rate (approximate)

Approximate coverage rate is 0.5 gallon per 100 square feet (8 wet mils) per pass depending on substrate type and roughness.

Yield (0.5 gal/100 sq. ft.) = 8 wet mils/2 dry mils.

See recommendations for specific applications. Yields will vary depending upon system selected and the smoothness and absorbency of substrate.

Temperature Precautions

Do not apply this product below 40°F (4.4°C) or in weather conditions where the temperature will drop below 40°F (4.4°C) during the curing cycle. Upper temperature restriction (both air and substrate) for application of IB Coating products is 120°F (49°C). If the substrate temperature exceeds 120°F (49°C), IB Coating products should be applied during cooler periods of the day. No coating should be applied unless surface temperature is 50°F (10°C) minimum and 120°F (49°C) maximum.

Relative Humidity Precautions

Acrylic products are moisture sensitive. Do not apply this product when it is raining or if the threat of rain exists. Do not apply when the dew point is less than 5°F below the ambient temperature. Do not apply in conditions when the relative humidity exceeds 90%.

Storage

Always store in cool and dry location. For best results, keep product stored above 60°F (15.6°C) or below 90°F (32°C). Do not store in direct sunlight or in temperatures. Keep from freezing. Allow material to set at room temperature for 24 hours prior to use.

Physical Properties

Property	Test Method	Typical Value
% Solids by Volume	D2697	25% ± 2%
Viscosity	-	200 ± 100 cps
Weight per Gallon	-	8.6 lbs./gal
VOC Content	EPA M24	100 g/L
Dry Time @ 75°F (25°C)	-	2-3 hours @ 50% humidity
Recoat Window	-	2-3 hours to recoat
Cure Time	-	7 days
Shelf Life: (unopened container stored at temperatures between 60°F and 95°F).	-	12 months from date of manufacture.

Application Guidelines

Application Equipment

Roller: Use 1-1/4" nap synthetic rollers. Keep a wet edge to avoid pulling. Avoid rapid rolling which can cause bubbling.

Sprayer: Standard paint type sprayer is adequate. If sprayed the material should be at least 50°F.

Mixing

No thinning or reduction is necessary. Do not dilute.

Surface Preparation

The substrate must be free of areas of ponding water, ice, snow, rain or dew, dirt, dust, grease, oil, loose granules, gravel, peeling coating and other foreign contaminants, or other debris that would inhibit adhesion of coating. If such conditions exist, the roof surfaces should be properly prepared and cleaned using the specified IB cleaning solution in order to receive the new coating system.

Mildew must be removed by power washing and scrubbing with a bleach solution of 1 part bleach and 2 parts water. Repeat if necessary. Rinse thoroughly and allow to dry.

Most substrates require a bond enhancing primer and/or a compatible base coat before applying the Coating. Contact IBRS Technical Department at 800-426-1626 for recommendations regarding specific applications.

Application

Concrete/Masonry: To properly prepared substrate; apply a thin coat of IB Concrete Sealer at the rate of 0.5 gallon (1.89 L) per 100 square feet per pass. Multiple applications of thin coats may be applied to achieve desired results and can ensure proper drying before inclement weather.

When applying in separate applications, apply at right angles to the previous coat. Coating must be evenly applied and pinhole-free. Before applying additional coat, the previous coat must be completely dry and cured. If any contamination is present on the cured surface, it must be washed and completely dry before application of subsequent coats.

Limitations

- Refer to Substrate Preparation guidelines for proper preparation, cleaning and primer roof with any applicable bond enhancing primer before commencing with application of IB Acrylic Coatings.
- This product cures by water evaporation only. Do not attempt to apply product when weather conditions are not conducive to drying. Refer to temperature and relative humidity precautions.
- Application of materials with power spray equipment will require some masking and erection of wind screens to prevent over spray

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occurrences and damage to surrounding structures, surfaces, vehicles, property, or persons.

Clean Up

Clean up spills and spatters immediately with water. Flush all hoses, equipment, and tools with water followed by propylene glycol to prevent unit from rusting.

Disposal

Empty containers must be disposed of in an approved landfill in accordance with local, state, and federal regulations.

Caution

Avoid prolonged and repeated contact with skin. Do not take internally. Avoid eye contact as this material has adhesive properties. Refer to product Safety Data Sheet (SDS) for additional information pertaining to this product and prior to use or handling.

Disclaimer

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