

Technical Data Sheet

IB Roof Cleaner Concentrate

IB Roof Systems®

Biodegradable Cleaner Concentrate

Product Description



IB Roof Cleaner Concentrate

is a high performance, biodegradable, environmentally friendly cleaner that is formulated to remove heavy soils and contaminants in preparation of roofs prior to the application of roof coatings.

Packaging

5-Gallon Pail, & 55 Gallon Drums

Features and Benefits

- Plasticizer free
- Unique high performance but environmentally friendly cleaner
- All surfactants on www.cleaningrediants.org. These Ingredients have been verified by independent third-party experts to pass the Safer Choice Standard, designed to safeguard human and environmental health
- 100% Biodegradable formulation
- Low foaming formulation
- Excellent cleaning ability – removes paints and adhesives when used at full strength
- Color: Clear

Product Use

IB Roof Cleaner Concentrate is designed to be diluted at a 9:1 for effective cleaning of most roof surfaces including concrete and steel decks. May be used at lower dilutions to remove heavily soiled areas and tough stains.

Approvals

- Meets California SCAQMD requirements for VOCs

Ordering Information

IB Roof Cleaner Concentrate

Item Code	Description	Size	Class
9-RCC	IB Roof Cleaner Concentrate	5-gal	55
9-RCC55	IB Roof Cleaner Concentrate	55-gal	55

Coverage Rate (approximate)

Dilute 9:1 with water. 1 gallon of concentrate makes 10 gallons of solution. 5 gallons of concentrate makes 50 gallons of solution. Approximate coverage rate is 1.0 gallon per 150 square feet. 50 gallons (mixed) covers approximately 7,500 sq. ft. of roof area.

See recommendations for specific applications. Yields will vary depending on roof condition and amount of contamination.

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 this product is 185°F (85°C). If the substrate temperature exceeds 185°F (85°C), it should be applied during cooler periods of the day. This product should not be applied unless surface temperature is 40°F (4.4°C) minimum and 185°F (85°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
Color	-	Clear
Odor	-	Mild
pH	D5464-11	10.5 ± 1
Flash Point	D1310	212°F (100°C)
Weight per Gallon	-	8.3 lbs./gal
VOC Content	EPA M24	0 g/L
Shelf Life: (unopened container stored at temperatures between 60°F and 90°F.	-	24 months from date of manufacture.

Application Guidelines

Application Equipment

Hand pump, garden sprayer or compression type sprayer.

Brush: No reduction necessary. Use synthetic filament brushes. Do not over-brush as material may start to pull.

Spraying: When spraying material should be at least 50°F (10°C).

Mixing

No thinning or reduction is necessary. Do not dilute.

Surface Preparation

Remove heavy deposits of dirt, leaves, and other debris using a broom or air blower.

Application

Apply IB Roof Cleaner Concentrate (diluted) using a hand pump, garden sprayer or compression type sprayer at the rate of 150 square feet per gallon. Allow cleaner to stand 10-15 minutes to saturate the membrane surface contaminates.

Using a minimum 2,000 psi pressure washer, rinse the membrane surface with clean water. Begin at the lowest point of the roof and work toward the highest point keeping the pressure washer tip within 12" of the roof surface. Once at the highest point, work down to the lowest point of the roof with a final rinse to remove residue from the roof surface. On flat roofs, work away from and then back toward roof drains and scuppers to achieve a double rinse. Failure to use a power washer will result in poor coating adhesion. Rinse completely. Water should be clear with no soapy bubbles.

The prepared substrate must be free of dirt, dust, grease, oil, foreign contaminants, or other debris that would inhibit adhesion of coating. If such conditions exist, the roof surfaces should be re-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 compatible primer to be applied prior to the application of the coating. Contact IBRS Technical Department at 800-426-1626 for recommendations regarding specific applications.

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 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.

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