

IB Sealer

Moisture Cure Seam & Repair Sealant

IB Roof Systems®

Product Description



IB Sealer is a high performance, plasticizer free, single component, 100% solids moisture-curing and self-leveling sealant/adhesive that is designed to seal all seams, fasteners, ridge caps, flashings, and penetrations on all types of roof substrates in conjunction with IB Acrylic or IB Silicone coatings.

Packaging

10 oz. Cartridge, 28 oz. Cartridge & 2-Gallon Pail

Features and Benefits

- Plasticizer free
- 100% solids
- Low odor formulation
- Excellent adhesion, highly elastic, and high strength
- Bonds to damp surfaces and is an excellent emergency repair product
- In most cases, eliminates need for 3 course application of fabric reinforcement of seams and flashings.
- Can be applied to most surfaces without priming
- Non staining and mildew resistant
- UV resistant
- Low VOC compliant
- Colors: Gray or White

Product Use

IB Sealer is used as a self-leveling sealant on all seams, fasteners, ridge caps, flashings, and penetrations in lieu of 3 course application (except in seam repair conditions) and is compatible with IB Acrylic base coats and finish coats as well as IB Silicone Coatings. Can be applied over most substrate types.

Ordering Information

IB Sealer

Item Code	Description	Size	Class
9-SEALG10	IB Sealer Gray	10 fl. oz. tube	55
9-SEALW10	IB Sealer White	10 fl. oz. tube	55
9-SEALG	IB Sealer Gray	28 fl. oz. tube	55
9-SEALW	IB Sealer White	28 fl. oz. tube	55
9-SEALG2	IB Sealer Gray	2-gal	55
9-SEALW2	IB Sealer White	2-gal	55

Coverage Rate (approximate)

Unit Size	Fastener head encapsulation	Seams: 55 wet mils @ 2"	Seams: 55 wet mils @ 3"
10 oz. tube	95 per unit	12-15 In. ft.	9-10 In. ft.
28 oz. tube	270 per unit	35-40 In. ft.	25-30 In. ft.
2 Gallon	2,400 per unit	300-325 In. ft.	225-243 In. ft.

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

Temperature Precautions

Temperatures affect viscosity, pumping and flow characteristics of the IB Sealer. Heat increases and cold decreases the flow-ability. For best results, apply when the temperatures are above 50°F (10°C). Do not apply this product below 32°F (0°C). May be applied to damp surfaces and is rain tolerant during cure. Upper temperature restriction (both air and substrate) for application of IB Sealer is 200°F (93.3°C). If the substrate temperature exceeds 200°F (93.3°C), IB Sealer should be applied during cooler periods of the day. No product should be applied

unless surface temperature is above 32°F (0°C) minimum and 200°F (93.3°C) maximum.

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	100% ± 3%
Elongation	D2370	500% (initial) 300% (aged)
Tensile Strength	D2370	200 psi (initial) 300 psi (aged)
Low Temperature Flexibility	D822	Pass @ -20°F (-28.9°C)
Shore A Hardness		25 (5-day ambient cure)
VOC Content	EPA M24	<50 g/L
Dry Time @ 75°F (24°C)	-	6-8 hours @ 50% humidity
Recoat Window	-	24 hours to recoat
Cure Time	-	30 days
Shelf Life: (unopened container stored at temperatures between 60°F and 95°F.	-	6 months from date of manufacture.

Application Guidelines

Application Equipment

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

Cartridge Gun Dispenser: No reduction necessary. Use compatible power operated cartridge dispenser to apply product to intended substrate.

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

Fasteners: Tighten or replace all fasteners as necessary. In no case shall joints of seams be allowed to separate greater than 1/16 inch. Stitch screw any large gaps over overlaps that cause greater than 1/16 inch opening. Apply IB Sealer over the fastener to completely encapsulate the screw. Allow to dry for least 24 hours before proceeding with coating application.

IB Sealer

Moisture Cure Seam & Repair Sealant

Metal Panel Seams: Seal all horizontal and vertical seams, etc. by applying IB Sealer in a 1/2" - 3/4" wide bead over the seam and feather in with a stiff chip brush or notched spatula to an approximate width of 2" wide. Achieve a smooth 55 wet mil application over the treatment area. Allow to dry for least 24 – 72 hours before proceeding with coating application.

Metal Panel Roofs: Seal all flashings, penetrations, ridge caps, etc. by applying IB Sealer in a 3/4" - 1" wide bead over the seam and feather in with a stiff chip brush or notched spatula to an approximate width of 3" wide. Achieve a smooth 55 wet mil application over the treatment area. Allow to dry for least 24 hours before proceeding with coating application.

Aged Modified Bitumen: Seal all field seams by applying IB Sealer in a 3/4" - 1" wide bead over the seam and feather in with a chip brush to an approximate width of 3" wide. Achieve a smooth 55 wet mil application over the treatment area. Seal all flashings, penetrations, ridge caps, etc. by applying IB Sealer in a 3/4" - 1" wide bead over the seam and feather in with a chip brush to an approximate width of 3" wide. Achieve a smooth 55 wet mil application over the treatment area. Allow to dry for least 24 hours before proceeding with coating application.

Aged Single Ply: Seal all field seams by applying IB Sealer in a 1/2" - 3/4" wide bead over the seam and feather in with a chip brush to an approximate width of 2" wide. Achieve a smooth 55 wet mil application over the treatment area. Seal all flashings, penetrations, ridge caps, etc. by applying IB Sealer in a 1/2" - 3/4" wide bead over the seam and feather in with a chip brush to an approximate width of 2" wide. Achieve a smooth 55 wet mil application over the treatment area. Allow to dry for least 24 hours before proceeding with coating application.

Drying: Allow to dry for least 24 hours before proceeding with coating application.

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 a dry towel. Flush all hoses, equipment, and tools with containing uncured material by flushing with VM&P, naphtha, or mineral spirits followed by acetone 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

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase, and selection of these products are the

sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product only.

LIMITED WARRANTY/EXCLUSIONS

TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT AS FORTH BELOW, SELLER WARRANTS THAT THIS PRODUCT SHALL BE FREE OF ANY DEFECT IN MATERIAL OR WORKMANSHIP UNDER NORMAL USE FOR A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE. IB ROOF SYSTEMS MAKES NO OTHER WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE GOODS HEREIN SOLD. THIS WARRANTY DOES NOT EXTEND TO ANY DEFECT OR FAILURE CAUSED BY MISUSE AND/OR INCORRECT APPLICATION. SINCE THE USE OF THE HEREIN DESCRIBED MATERIALS INVOLVE MANY VARIABLES IN MEANS AND METHODS OF APPLICATION, HANDLING/STORAGE AND/OR USE, THE USER IN ACCEPTING AND USING THESE MATERIALS ASSUMES ALL RESPONSIBILITY FOR THE END RESULT. THE PURCHASE OF IB ROOF SYSTEMS PRODUCT IS SUBJECT TO THE TERMS AND CONDITIONS HEREIN. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF. IF THE PRODUCT IS PROVED TO BE DEFECTIVE, THE EXCLUSIVE REMEDY, THE BUYER'S SOLE REMEDY, AT IBRS'S OPTION SHALL BE TO REFUND THE PURCHASE PRICE OR REPLACE THE DEFECTIVE PRODUCT ONLY. IN NO EVENT SHALL IB ROOF SYSTEMS BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE) OR ANY OTHER CLAIMS, OR DAMAGES, INCLUDING DAMAGES WHICH MAY EXCEED THE ORIGINAL COST OF THE PRODUCTS MADE THE BASIS OF ANY CLAIM REGARDLESS OF THE LEGAL THEORY ASSERTED INCLUDING NEGLIGENCE, WARRANTY OR STRICT LIABILITY. NOTE: SOME OR ALL OF THE FOREGOING MAY NOT APPLY OR MAY BE INVALID UNDER THE LAWS APPLICABLE TO BUYER'S PURCHASE OR CLAIM.