



#15 WEATHER BARRIER COATING®

#15 Weather Barrier Coating® is a bright white flexible coating for protecting air ducts and thermal insulation exposed to the weather. It prevents the degradation of closed cell foam insulation on refrigerant line sets, provides years of service as a lagging adhesive and is a premium grade roof coating which reduces heat gain on surfaces exposed to solar radiation. Easily applied by brush, caulk tube, trowel, palm, spray, or extrusion¹.



- Bright White
- 80% Solar Reflectance Value
- Water-Borne
- Weather Resistant
- UV Resistant
- Brush, Roll, or Spray



wet film coverage at 10 mils	160 square feet per gallon
weight per gallon	11.9 lbs. ± 0.30 lbs.
solids by weight	68% ± 2%
type	elastomeric polymer emulsion
color	Bright white
viscosity (Brookfield Viscometer)	10,000 to 25,000 cps
dry time at 50% RH and 70°F	To touch 1-2 hours/thorough 4-5 hours
service temperature limits	-10°F to 200°F
shelf life	12 months (unopened container)
storage temperature	45°F to 90°F
clean-up when wet	soap & water
flash point-tag-open cup ASTM D-1310	none to boiling
Intertek Clean Air Gold	Certified
total volatile organic compound (TVOC) CDPH V1.2	0.5mg/m³ or less
volatile organic compound ASTM D-6886	less than 50 grams/liter
Solar Reflectance Value ASTM D-6886	0.80 or 80%

¹ for spray & extrusion equipment information please refer to RCD's Technical Bulletin found at: [#15 Weather Barrier Coating](#)

Heat Gain of Roofing Materials

Roof surface temperature studies have shown that bright white coatings with solar reflectance values of 0.80 (80%) significantly reduce heat gain.

Material	% Solar Reflectance	Roof Heat Gain
Bright White Coating smooth surface	80%	Plus 15°F
White metal	60%-70%	Plus 25-35°F
Bright Aluminum Coating	55%	Plus 51°F
Premium white shingle	35%	Plus 60°F
Light brown/grey shingle	20%	Plus 75°F
Dark red tile	18% - 33%	Plus 62°F – 77°F
Dark Shingle	8% - 19%	Plus 75°F – 87°F
Black Shingle	5%	Plus 90°F

Application

Surfaces must be free from algae, corrosion, dirt, grease, loose or chalking paint, mold, mildew, oil, scale, silicone, and water. Roof must be structurally sound, free from leaks, and have no areas where water ponds. Use directly from the pail; if thinning is needed use no more than 8 fl. oz. of clean potable water per gallon. Easily applied by brush, roller, or airless spray equipment. Rate of spread depends upon the contour and the porosity of the surface. For best results apply two coats, at a rate of 160 square feet per gallon (10 mils thick), with the second coat applied at right angles to the first coat. When used outdoors, allow at least 6 hours dry time to resist wash off by rain. Close lid tight after each use.

Precautions

It is the applicator's responsibility for the design, use and storage of all building materials including #15 Weather Barrier Coating®. Store at recommended temperatures of 45°F to 90°F. Rotate inventory using the FIFO method. Protect from freezing. Do not dilute with any substance. Do not contaminate contents with foreign material. Do not apply below 45°F or above 120°F. High humidity will retard drying. Occupants, who are chemically sensitive, prone to allergic reactions, or have respiratory ailments of any kind, should not have mastics applied inside the air stream of their heating or cooling system without consulting their physician for approval. Do not exceed the service temperature limits of -10°F to 200°F.

CAUTION

Keep out of reach of children. If there is contact with eyes, flush with clean water and contact physician. Do not ingest this product.

Catalog Numbers:

111501 1 gallon pail

Warranty

Since methods of application, storage & on-site conditions are beyond RCD's control & can affect performance, RCD makes no other warranties. All other warranties, express or implied, including but not limited to the warranties of merchantability and fitness for a particular purpose, are disclaimed. It is understood and agreed that seller's liability, whether in contract, tort, warranty, negligence, personal injury, wrongful death or otherwise, shall not exceed the return of the amount of the purchase price paid by the purchaser & under no circumstances shall the seller be liable for special, indirect or consequential damages. The price paid for the product is consideration in limiting seller's liability.