



#15 WEATHER BARRIER COATING®

#15 Weather Barrier Coating® is a bright white elastomeric coating for protecting air ducts and thermal insulation exposed to the weather. It prevents the degradation of closed cell foam insulation on line sets. #15 provides years of service as a lagging adhesive and is a premium grade roof coating which reduces heat gain on commercial and residential buildings. Easily applied by brush, roller, or airless spray equipment.¹



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

wet film coverage at 10 mils.	160 square feet per gallon
weight per gallon	11.8 lbs. ± 0.30 lbs
solids by weight	67% ± 2%
type	Elastomeric terpolymer emulsion
color	Bright white
viscosity (Brookfield Viscometer)	12,000 to 25,000 cps
dry time 50% RH 70° F	To touch 1-2 hours/through 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	Soap and water
water vapor transmission rate ASTM E-96	0.67 perms/inch
flash point-tag-open cup ASTM D-1310	None
flame spread ASTM E-84	5
smoke developed ASTM E-84	5
ASTM C 1549-04 Determination of Solar Reflectance	0.80 or 80%
volatile organic compound ASTM D-6886	Less than 50 grams/liter

¹ for spray & extrusion equipment info refer to: <http://rcdmastics.com/images/stories/pdf/sprayingextrudingequipver2.pdf>

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.

Heat Gain of Roofing Materials

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/gray shingle	20%	Plus 75° F
Dark red tile	18%-33%	Plus 62-77° F
Dark shingle	8%-19%	Plus 75-87° F
Black shingle	5%	Plus 90° F

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

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 storage temperatures: 45° F to 90° F. Rotate inventory using the FIFO method. Protect from freezing. Do not contaminate contents with foreign material. Do not apply below 38° 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 products 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.

Catalog Number:

111501 1 gallon pail
 111535 3.5 gallon pail

Warranty

#15 Weather Barrier Coating® when applied in accordance with this Product Data Sheet, product label, & applicable industry standards is warranted to be free from defects, excluding appearance and/or color, for 12 months from the date of manufacture. 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.