



BLUE RIVER COATINGS

Product Data Sheet

Elastomeric Roof Coating (BRC-2100)

PRODUCT DESCRIPTION

BLUE RIVER COATINGS ELASTOMERIC ROOF COATING BRC-2100 is an elastomeric, high solids coating designed specifically for coating roofs and other surfaces requiring excellent water resistance, toughness and durability. BRC-2100 is easy to apply, with good "build-up", drying properties and adhesion characteristics.

ENVIRONMENTAL ADVANTAGES

BLUE RIVER COATINGS ELASTOMERIC ROOF COATING BRC-2100 is a water-based, futuristic coating which contains the latest high-tech components that meet the environmental consideration of the 21st Century and beyond. It provides a roof coating that reflects heat and thereby helps to cool space and save energy. BRC-2100 is a water-based, futuristic coating which contains the latest high-tech components that meet the environmental consideration of the 21st Century and beyond. It provides a roof coating that reflects heat and thereby helps to cool space and save energy.

APPLICATION DATA

BRC-2100 can be applied using conventional equipment (brush, roller or spray). It may be thinned with water but this is not recommended for best results. Surface must be clean and of good construction. Coverage will vary with type of surface, but the following guidelines may be used:

APPLIED WET FILM	GALLONS / 100 SQ. FT.	DRY-FILM THICKNESS
60 mils	3.5	30 – 40 mils
40 mils	3.0	20 – 30 mils
32 mils	2.5	18 – 20 mils
16 mils	1.0	8 – 10 mils
8 mils	0.5	4 – 6 mils

FILM PROPERTIES

(Dried and conditioned 7 days @ 77°F and 50% relative humidity.)

Tensile:

Strain Rate	2.0
Stress	108 psi
Elongation	467%

Tensile after 24 hours immersion:

Strain Rate	2.0
Stress	52 psi
Elongation	362%

Impact resistance:

At 120 inch lbs.	No crack
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Water ponding:

Water transmission @ 24 hours	90 mg
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Low-temperature flexibility:

180 degree bend @ -20°	No cracking
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Water absorption after 24 hour immersion:

Weight gain	10.8% by weight
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Water-vapor transmission:

Rate for 336 hours	4.8 perms
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HEALTH EFFECTS

BRC-2100 is not considered to be toxic via single acute oral or dermal exposure. It may be a slight to moderate skin and/or eye irritant. There is no data that shows adverse health effects from exposure; however, precautions as indicated in the SAFE HANDLING section should be adhered to as common practice.

SAFE HANDLING

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. Use only in adequate ventilated areas. Avoid breathing vapor and spray mist. Avoid prolonged contact with skin and eyes.

Keep container closed when not in use. KEEP FROM FREEZING.