

ARM814RX

ARMORROOF LIQUID ROOF COATING WITH GRANULES

PRODUCT DESCRIPTION: ARM814RX is an elastomeric copolymer rubber based liquid with rubber granules incorporated to provide texture and slip resistance. The modified formulation has excellent elongation, UV resistance and weathering characteristics. This flexible textured membrane also has excellent resistance to ozone as well as low temperature flexibility.

ARM814RX liquid rubber coating has displayed good adhesion to many properly prepared substrates including EPDM.

RECOMMENDED FOR: Most common roof substrates such as wood, metal, EPDM, APP, TPO, and Hypalon.

NOT RECOMMENDED FOR: Application over tar based roofing

THIS PRODUCT IS ALSO AVAILABLE INCORPORATING A FRAGRANCE MASK TO DIMINISH THE SOLVENT ODOR (UPON REQUEST)

SOLIDS BY WEIGHT: 69%

SOLIDS BY VOLUME: 62%

RECOMMENDED COVERAGE: Coverage depends on surface conditions and application procedures. Normally, 1 gallon per 17.5 square feet provides the correct coverage thickness.

COLORS: Standard: shadow gray. Many other colors are available upon request. Colors may vary from batch to batch due to variations in feed stock material.

RECOMMENDED FILM THICKNESS: 56 mils total dry film thickness will result from applying the recommended 90 mils wet thickness.

PACKAGING INFORMATION:

Available in 5 gallon pails and 55 gallon drums (volumes approximate per container)

TYPICAL PROPERTIES: (LIQUID FORM)		
PROPERTY	TEST METHOD	RESULTS
Density	ASTM D1475 U.S. standard weight per gallon cup at 75°F and 50% R.H.	Mean=10.5#/gallon
VOC	EPA Method 24	3.26#/gallon
Heat stability	10 days at 120°F then re-evaluated	Material stability maintained
Shelf life	Closed container at 65°F	One year shelf life
Flash point	ASTM D3278 seta flash closed cup apparatus	105°F

LIMITATIONS

Allow material to cure (24 hours) before exposure to rain or dew. Do not apply a second coat until the first coat is dry. Close all sources of air intake from roof into building to prevent solvent odor transfer into building. Do not use indoors. Product cures from solvent evaporation- do not apply thicker than recommended. This product should not be used on surfaces where certain insulation boards such as EPS have been used without thoroughly evaluating the suitability. Read the SDS before using this product. Product is not resistant to solvent exposure. Physical properties are typical values and not specifications. Please see reverse side for limitations of our liability and warranty. Too thick of an application may cause some roofing systems such as "not fully adhered EPDM" to rumple and exhibit some substrate waviness after the application. This waviness will diminish with time, although it may not completely disappear. However, this will not diminish the performance of the substrate.

TYPICAL PROPERTIES: (CURED FILM)		
PROPERTY	TEST METHOD	RESULTS
Hardness	ASTM D2240 shore A @ 75°F 50% R.H. Barcol hardness tester model 3061	50-60
Accelerated weathering	ASTM G53 (1000 hours QUV accelerated weather tester UV-B lamps no. QES-40/280-315 nanometers (12 hr. QUV @ 60°C and 12 hr. con @ 50°C)	Excellent with no apparent degradation
Tensile strength	ASTM D412 @ 75°F and 50% R.H. Test is result of medium value (for three)	1000 psi
Elongation	ASTM D412 @ 75°F and 50% R.H.	500% minimum
Reflectivity	ASTM E97	85% (white)
Water absorption		0.04%
Vapor transmission	ASTM E96	0.025 perms
Cure time	@70% R.H./70°F	24-48 hours

BENEFITS OF USING

- Excellent adhesion to a variety of substrates
- Excellent low temperature flexibility
- Excellent weathering
- Excellent UV stability
- Excellent shelf life
- Good resistance to dirt pickup
- Excellent flexibility
- Easy to use one component product
- Meets Federal VOC requirements
- Resists mildew and fungi growth
- Good resistance to Alkalis and acids