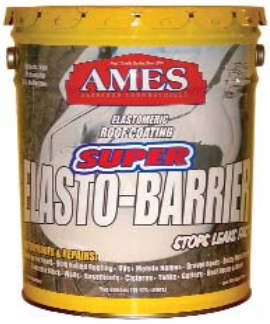
Ames Family Quality Since 1774
AMES
RESEARCH LABORATORIES, INC.

HMIS
FLAMMABILITY 0
HEALTH HAZARD 1
REACTIVITY 0
SPECIFIC HAZARD 0

PHYSICAL PERFORMANCE PROPERTIES



AMES'® SUPER ELASTO-BARRIER™

Super Elasto-Barrier is a waterborne liquid dual-rubber coating that is used primarily for roof, wall, and roof deck waterproofing in extreme wet situations such as ponding water. It has excellent adhesion to rusty surfaces. Super Elasto-Barrier is especially effective in saving old tar roof systems. It stretches up to 1000% to expand and contract with the surface. Super Elasto-Barrier has been specially formulated for colder weather and to resist fungus, mold, and mildew. Super Elasto-Barrier is potable water compliant, and contains no toxic substances after curing. Super Elasto-Barrier is your best choice for flat roof repair. Cleans easily with water.

Solar Reflectance	Excellent over asphalt. Topcoat with Maximum-Stretch.
Appearance (cured)	Liquid Rubber.
Appearance (liquid)	Thick, Creamy
Color	Grey
Mildew resistance	Excellent
Weight	Approx. 11 Pounds/gallons
Solvent	Water
Odor	Mild
Permeability	Less than one perm in one coat.
Elongation	up to 1000%.
Strength	250+ psi when heavy duty Polyester Contouring Roof Fabric is used.
Viscosity	4050 cps spdl. # 7.100 rpm
PH as shipped	10.4 - 11
Specific Gravity	1.10
Bonding	Bonds to most surfaces including tar, metal and rolled roofing. Does not bond to wax base surfaces.
Clean up and thinning	Water clean up. Thin with water up to 10% only.
Freeze/Thaw Stability Test of dried material	At -35° F, Super Elasto-Barrier passes 180 degree bend test. Super Elasto-Barrier, if frozen while in liquid form, may be damaged or solidify. Protect from freezing.
Setting time	15 min. -1 hour at 40° - 80° F. at less than 50% humidity. Two hours at 70° F. and above with clear skies.
Cure time	At 40° - 80° F. 2 to 8 hours. When roofing fabric is embedded allow 24 hours total curing.
Material composition	A sophisticated copolymer/polymer based on rubber chemistry based on dual rubber technology
Toxicity	Non-toxic after curing.
Flash point	1500° F. (estimated)
Fire rating	ASTM E-108 Class "A" over AC. ASTM E-84 zero smoke.
Tukon Hardness (KHN)	Less than one.
Coverage rate	Approx. 100 square feet per gallon.
Voc Content	Less than 1 gram per liter.

Formulas have been tested in accordance with ASTM E 108 E-108 Class "A" over AC.ASTM E-84 zero smoke, zero ignition.
Special Comments: Do not thin with water more than 2%. Excessive thinning will solidify product.
Applications: Tar and metal roofs, basements walls, below and above grade water protection over plywood and concrete.
Important: Apply a small amount to ensure the product performs satisfactorily.
***Set up conditions:** Apply when the streets are dry, the sun is in the sky and no inclement weather is forecast. Dries in 1-2 hours, depending on thickness of application and weather;

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