



# TECHNICAL DATA SHEET



## AMES® SUPER ELASTO-BARRIER®

Ames® Super Elasto-Barrier® is a waterborne, elastomeric, 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.

Appearance (cured).....	Liquid Rubber
Appearance (liquid).....	Thick, Creamy
Color.....	Grey
Solar Reflection.....	Excellent over asphalt. Topcoat with Maximum-Stretch
Mildew Resistance.....	Excellent
Weight.....	Approx. 11 lb/gallon
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.....	9.9
Specific Gravity.....	1.10
Bonding.....	Bonds to most surfaces including tar, metal and rolled roofing.
Clean up and Thinning.....	Does not bond to wax based surfaces.
Freeze/Thaw Stability Test of Dried Materials.....	Water clean-up. Thin with water up to 10% only At -35 degrees F, Super Elasto-Barrier passes 180-degree bend test. If frozen while in liquid form, may be damaged or solidify. Protect from freezing.
Setting Time.....	15 min to 1 hour at 40° to 80° at less than 50% humidity. Two hours at 70° and above with clear skies
Cure Time.....	At 40° to 80° in 2 to 8 hours. When roofing fabric is embedded allow 24 hours total curing. A sophisticated copolymer/polymer based on rubber chemistry based on dual rubber technology.
Material Composition.....	
Toxicity.....	Non-toxic after curing.
Flash Point.....	>212° 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 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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