



PHYSICAL PERFORMANCE PROPERTIES



AMES® MAXIMUM-STRETCH®

Ames® Maximum-Stretch® is a thick, high solids, high-grade, white, elastomeric, rubber and acrylic coating that stretches with the surface. Maximum-Stretch® has several times the adhesive capability of most paint. It seals, saves and extends the life of old roofs and is an excellent choice for old tar roofs. It is white with a reflectivity of up to 98% to drastically reduce the roof temperature. Maximum-Stretch® roof coating resists cracking and drastically reduces the expansion and contraction that tears roofs apart. It has been developed for cold and wet weather and formulated to resist fungus, mold and mildew. It is potable water compliant. Maximum-Stretch® is environmentally friendly “green” rubber and acrylic technology. It cleans up with water, contains no solvents, and is easy to use.

Appearance (cured).....	Rubber and Acrylic coating
Appearance (liquid).....	Thick, white liquid
Color.....	Bright white (Ames Maximum-Stretch may be tinted to pastel colors using universal latex colorants
Solar Reflectance.....	Excellent. Up to 98%.
Mildew resistance.....	Excellent
Weight.....	Approx. 11 pounds/gallon
Solvent.....	Water
Odor.....	Mild
Permeability.....	Less than one perm with 30 mils/min. of coating
Elongation.....	Up to 750%
Strength.....	250 PSI
Viscosity.....	12,000 cps spdl. #7/100 RPM. Varies with temperature.
PH as shipped.....	9.5 - 10
Specific Gravity.....	1.10
Freeze/Thaw Stability Test of dried material.....	At -35 degrees F, this product passes 180 degree bend test. If frozen while in liquid form, the product may be rendered unusable.
Setting time.....	30 min. - 2 hour at 50° -100° F. at less than 50% humidity
Cure time.....	Approximately 2 to 8 hours at 50° to 100° F. at less than 30% humidity
Material composition.....	Waterbase elastomeric rubber with plastic.
Toxicity.....	Non-toxic when dry
Flash point.....	1800° C
Fire rating.....	Class “A” ASTM E-108. over AC. ASTM E-84 zero smoke
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. **Important:** Apply a small amount to ensure the product performs satisfactorily.