



# TECHNICAL DATA SHEET

## 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.