

## Elastomeric Roof Coating

### 1. Description:

**USP™ - RAIN-GUARD Elastomeric Roof Coating** is a high quality, professional grade 100% acrylic terpolymer formulated for exceptional durability where the ultimate in a waterproof coating is required. This environmentally friendly coating seals, protects, insulates, reflects heat, saves energy, waterproofs and can even save the cost of re-roofing. It has high elongation and tensile strength, superior hiding qualities, long term durability and excellent adhesion. This high performance product contains a high degree of mildew additives to combat mildew growth so prevalent in humid and sub-tropical climates. It is excellent for mildew and algae resistance.

### 2. Uses:

USP™ - RAIN-GUARD Elastomeric Roof Coating is especially recommended for use on cement tiles (flat or barrel), concrete roofs, gravel roofs, built-up roofs, metal roofs, aluminum or galvanized roofs, urethane or polystyrene roofs, clay tile roofs, slate roofs, and asphalt or aluminum coatings.

### 3. Surface Preparation:

The roof to be coated must be free of all foreign matter such as dirt, mildew, flaking paint, chalk, or loose gravel, and be structurally sound. Roof surface should be thoroughly cleaned by using a professional type high pressure water cleaner, followed by a mildew killer solution if mildew is prevalent. Loose paint or chalk that does not rinse off should be sealed with a USP™ ROOF SEALER before coating with USP™ - RAIN-GUARD Elastomeric Roof Coating. To insure a watertight roof surface, all tile joints, broken tile, loose roof paper or visible cracks or holes should

be caulked with USP™ FLEX-LOK Patching Sealant prior to coating with USP™ - RAIN-GUARD Elastomeric Roof Coating. USP™ FLEX-LOK Patching Sealant can be applied with a putty knife, using pressure to obtain complete contact. Large cracks, holes and joints may require the use of fiberglass reinforcement. If so, apply a heavy coat of USP™ FLEX-LOK Patching Sealant with a broad putty knife over the full length of the crack (about 2" wider than the fiberglass reinforcement). Next, imbed the membrane into the USP™ FLEX-LOK Patching Sealant by applying pressure to the membrane with the putty knife. Then, apply a coat of USP™ - RAIN-GUARD Elastomeric Roof Coating over the imbedded fiberglass, feather out and allow to dry.

### 4. Mixing:

USP™ - RAIN-GUARD Elastomeric Roof Coating should be hand stirred thoroughly before using, and occasionally stirred in use.

### 5. Color/Packaging:

USP™ - RAIN-GUARD Elastomeric Roof Coating comes in white. Available in one-gallon and five-gallon containers. The weight is 11.9 lbs. per gallon.

### 6. Application:

USP™ - RAIN-GUARD Elastomeric Roof Coating may be applied by brush, roller or heavy duty sprayer. For best results, a two coat application is recommended. Allow 12 hours between coats of USP™ - RAIN-GUARD Elastomeric Roof Coating and 1 to 2 hours to touch. Drying time depends on temperatures and humidity.

**7. Coverage:**

Apply USP™ - RAIN-GUARD Elastomeric Roof Coating at 70 square feet per gallon for rough, porous surfaces. Apply USP™ - RAIN-GUARD Elastomeric Roof Coating at 100 square feet per gallon for smooth, non-porous surfaces. Coverage will vary depending on the condition of the surface. Recommended thickness of wet film per coat is 16 to 21 mils. Recommended thickness of dry film per coat is 7 to 11 mils.

**8. Limitations:**

Do not apply USP™ - RAIN-GUARD Elastomeric Roof Coating if surface temperature is below 50 degrees F (10 degrees C), or if rain threatens. USP™ - RAIN-GUARD Elastomeric Roof Coating containers should be protected from freezing. This product is not for use on vehicular traffic bearing surfaces.

**9. Cleaning Instructions:**

Clean up brushes, rollers and all other equipment with warm soapy water after use.

**10. Safety Health and Environmental Recommendations:**

Provide proper ventilation. Avoid coating contact with skin and eyes. Use protective goggles and clothing. In case of eye contact, flood eyes with

water and call a physician immediately. Wash hands thoroughly with soap and water after handling. Do not take internally. If ingested, call a physician immediately. Read the Material and Safety Data Sheet for USP™ - RAIN-GUARD Elastomeric Roof Coating prior to handling or application as supplied by ULTRA SYSTEM PRODUCTS, (305) 591-8300, Fax (305) 591-8568, email: info@ultrasystemproducts.com.

**11. Warranty:**

ULTRA SYSTEM PRODUCTS (USP™) warrants its USP™ - RAIN-GUARD Elastomeric Roof Coating to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, USP™ makes no other warranty, expressed or implied, including warranties of merchantability and fitness for a particular purpose with respect for USP™. USP™'s sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of USP™ - RAIN-GUARD Elastomeric Roof Coating proved to be defective and USP™ shall not be liable for any loss or damage.

## Technical Data

<b>Percent Solids By Weight</b>	<b>63%</b>
<b>Percent Solids By Volume</b>	<b>47%</b>
<b>Viscosity</b>	<b>120-130 KU</b>