



## Elastomeric Roofing Systems, Inc

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## ERAGUARD 1000 ACRYLIC COATING – QC (Quick Cure)

### Product Data Specification

#### TYPICAL PHYSICAL PROPERTIES

ASTM D 6083	
Solids (Volume)	54%
Viscosity	12000 cps
	95 KU
Elongation	300% at 73° F
Tensile Strength	270 psi
Moisture Vapor Permeance	
@ 30 dry mils.	6.0 perms
Weight/Gallon	12.1 Lbs.
Fungi Resistance	Zero Rating
Shelf Stability	8 months
Cure Time	Condition Dependant
Initial Reflectance	84%

#### DESCRIPTION

Eraguard 1000 QC uses a higher pH and special rheology modifier to improve drying time and expand the application window. The coating will cure independent of ambient humidity and it can dry up to three times as fast as standard EG 1000 White.

#### USES

Eraguard 1000 QC is a versatile, economic and easily applied coating. Primary uses are to protect polyurethane foam insulation, single ply membranes and to waterproof metal buildings. It may also be used over smooth BUR, concrete, board stock roof insulation, and properly prepared plywood.

#### PACKAGING

Packaging is standard 5 gallons pails and 55 gallon drums.

#### APPLICATION EQUIPMENT

Application may be brush, roller or airless spray.

**Brush or Roller:** Recommended for flashing, small inaccessible areas or where over spray may be a problem. Use a paintbrush or a standard medium or coarse nap roller.

**Airless Spray Equipment:** Airless spray equipment should be capable of 1 gallon per minute capacity at 3000 psi. Eraguard 1000 QC is designated a "medium elastomeric coating" with medium viscosity for pump purposes. 1/2" high-pressure hoses perform well. The airless spray gun should be equipped with a ball-bearing swivel for ease of handling. Recommended orifice size is .025" to .035" diameter, wide-angle fan pattern. A reverse-a-clean nozzle is recommended. Exact orifice size will vary with temperature of the material and weather conditions.

#### APPLICATION

**NOTE:** Do not apply at a rate greater than 1.5 gallons per Square

**Over polyurethane foam:** See Polyurethane Foam Insulation Roof Specification – Acrylics)

**Over Metal:** (See Metal Roof Restoration Specification - Acrylics/Urethane)

**Over other substrates:** Eraguard 1000 QC may be used to waterproof, seal, and protect a variety of substrates such as concrete, plywood, and board stock roof insulation and aged modified bitumen and aged BUR.

Adhesion of Eraguard 1000 QC should always be checked. Apply 6-12" square of Eraguard 1000 QC and embed a piece of Poly Soft II fabric into the coating, leaving a tail of the fabric exposed. Allow 2-3 days for the Eraguard 1000 QC to cure and perform a 90° pull test of the fabric tail to test adhesion of the coating to the substrate.

#### TEMPERATURE CONSTRAINTS

Do not apply Eraguard 1000 QC below 40° F. or in weather conditions where the temperature will fall below 40° F during the cure cycle. See additional

information in the description. The substrate temperature range for application is 40°F – 70°F. The service temperature range is -35°F to 180°F.

#### **LIMITATION**

Substrate must be clean, smooth and free of dirt, rust and/or moisture. Power washing of substrate is recommended.

Eraguard 1000 QC must not be applied during inclement weather and should not proceed if any precipitation is imminent.

Application of materials with power spray equipment will require some masking and possible erection of wind screens to prevent over spray damage to surrounding structures, building surfaces, vehicles or other property or persons.

#### **CLEAN-UP**

Flush all hoses, equipment, and tools with water immediately after use.

#### **STORAGE**

Always store Eraguard 1000 above 40° F. Keep from freezing!

#### **CAUTION!!!!**

Avoid prolonged and repeated contact with skin. Do not take internally. Eraguard 1000 QC may be attacked by some solvents. If solvents are to come in contact with Eraguard 1000 QC, the user should test solvent on a cured sample prior to application, or request information from ERSystems technical services. Eraguard 1000 QC should not be used in areas of standing water.

#### **WARRANTY**

IMPORTANT: While the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

ERSystems' sole warranty is that the product will meet the sales specification at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

**PRIOR TO USE OF THIS MATERIAL, READ ALL APPROPRIATE MATERIAL SAFETY DATA SHEETS.**