



Elastomeric Roofing Systems, Inc

6900 Bleck Dr. Rockford, MN 55373
800.403.7747 -or- 763.565.6900 fax: 763.565.6901

ERSYSTEMS.COM

email: ersinfo@ersystems.com

ERAGUARD 2000 Modified Acrylic Primer

Product Data Specification

TYPICAL PHYSICAL PROPERTIES

Solids (Volume)	34-36%
Solids (Weight)	40-42%
Viscosity	500 cps 65-70 KU
Weight/Gallon	9.10 lbs.
Shelf Stability	8 months
Gloss	Flat
Voc.	1.2 lbs/gal
Dry Time:	Set to Touch 20 minutes
To Re-coat	1 hour
Tack Free	30-45 minutes

DESCRIPTION

Eraguard 2000 is a modified acrylic waterborne primer serving multiple purposes. It may be used as a primer and as a finish coat. Gray colored, air dry, great adhesion and excellent corrosion resistance. It shows superior re-coatability and exterior durability.

USES

May be applied over marginally prepared metal surfaces such as structural steel, galvanized sheet metal, steel decking, aluminum and over concrete. Apply at .33 gallon/square (1.5 - 2 dry mils.) to 0.5 gallon square (3-4 dry mils.). More is not better in the case of Eraguard 2000 Primer.

COLORS

Standard industrial gray.

PACKAGING

Standard availability in 5 gallon pails and 55 gallon drums.

FILM PERFORMANCE PROPERTIES

* **Abrasion resistance:** Very good. Less than 150 mg loss per 1000 cycles tabor abrasion (CS10 wheels, 500 g.m. weights.)

APPLICATION EQUIPMENT

Application may be by brush, roller or airless spray.

Brush or Roller: Recommended for small areas or where over-spray may be a problem. Use a fine bristle brush or medium nap industrial roller.

Airless Spray Equipment: Airless spray equipment should be capable of 1 gallon per minute capacity at 3000 psi. Eraguard 2000 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 .017" 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.

SURFACE PREPARATION

Ferrous substrates must be prepared properly for maximum corrosion protection and long service life. All loose rust must be removed by power washing, wire brushing or sand blasting.

New steel and aluminum surfaces should be cleaned or brushed to a 2 mil profile to achieve maximum adhesion.

New galvanized or galvalume steel must be cleaned to remove any rolling oils or grease before application of Eraguard 2000.

Non-ferrous substrates should be wire brushed to remove all loose coatings, rust, scale, or other contaminants. Prior to coating, wipe clean with a recommended clean-up solvent.

Existing coatings must be tested to determine compatibility and intercoat adhesion. Apply a test area of 6 - 12 sq. inches of Eraguard 2000 embed PolySoft II leaving a fabric tail exposed and allow to cure. A 90° pull on the fabric tail will provide an

indication of adhesion.

APPLICATION

Recommended application on smooth surfaces is to spray apply in one wet full coat to a wet film thickness of 6 – 8 wet mils (1/3 – 1/2 gallon per square). Minimum recommended dry film thickness is 3 mil. A "tack" coat is not recommended. On porous or very rough surfaces, it may be beneficial to backroll or brush a first coat to work the primer into the surface with mechanical action. This should be followed by a spray applied full wet coat. Alternatively, rough or porous surfaces can be given two wet full coats by spray at 1/3 gallon per square each.

CURING AND RE-COAT TIME

Relative humidity has a substantial effect on application and cure time. 85% R.H. or more will significantly slow dry times. 20% R.H. or less will tend to cause dry overspray problems. Application techniques and viscosity may have to be adjusted to ensure even results during extremes in relative humidity.

Under normal drying conditions of 70° F. and 45% R.H. Eraguard 2000 will be ready to re-coat in 1 - 2 hours.

LIMITATION

This product dries extremely rapidly on tips and aircaps. They should be cleared frequently and immersed in water when temporarily not in use, to prevent drying and tip clogging. Once dry, overspray from this product is extremely difficult to clean up or remove. Be sure that areas that are not to be painted are well protected from overspray. Once dry, MEK may be required for

clean up. The substrate temperature range for application is 40° F - 120°F.

Do not apply when air temperature or surface temperatures are below 40°F.

Eraguard 2000 must not be applied during inclement weather or if precipitation is imminent. Eraguard 2000 should not be used in areas of ponding water.

STORAGE

Always store above 40° F. Keep from freezing!

CAUTION!!!!

Avoid prolonged and repeated contact with skin.

Do not take internally. Eraguard 2000 Modified-Acrylic Primer may be attacked by some solvents. If solvents are to come in contact with Eraguard 2000 Modified-Acrylic Primer, the user should test solvent on a cured sample prior to application, or request information from ERSystems technical services.

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 SHEET.