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ERAGUARD 1000 FG Acrylic Caulk

Product Data Specification

TYPICAL PHYSICAL PROPERTIES

Solids (Volume)	70%
Elongation	500% at 74° F
Tensile Strength	70.5 psi
Volume Shrinkage	25% maximum
Low Temp Flexibility	1" mandrel bend at -25° F (pass) – no cracking or adhesion loss
Recovery - passes	80% minimum
Weight/Gallon	12.5 lbs.
Shelf Stability	8 months
Cure Time to Coat	2-3 Hours
Full Cure	7 days at 74° F & 50% RH

DESCRIPTION

Eraguard 1000 FG is a smooth easy to apply acrylic latex caulk. It is designed to fill holes, cracks, joints and provide a long lasting seal between most common construction materials. Eraguard 1000 FG is easily workable and extrudable, exhibits tenacious adhesion to a variety of substrates, and is highly flexible over a wide temperature range. Initial skin formation typically occurs within an hour; and may be coated over with acrylic coatings or paints.

USES

Eraguard 1000 FG Acrylic Caulk is designed to seal openings and to patch cracks in active moving joints.

VARIED APPLICATIONS

- Metal Building Seams/Laps/Bolts
- Sheet Metal Joints, Air Ducts, Metal Flashings, Etc.
- Pre-engineered Metal Panels
- Patching Brick or Masonry Walls
- Siding and Foundation Openings
- Window or Door Frame Openings

COLORS

Available in white or grey.

PACKAGING

Eraguard 1000 FG Acrylic Caulk is packaged in 2.0 gallon plastic pails and 30 oz. sausages.

COMPLIANCE SPECIFICATION

- Federal Specification TT-S-00230C (COM-NBS) Class A Non-Sag, One Component*
- CID A-A-272, Type II
- ASTM C-920, Type S, Grand NS, Class 25*
- AAMA 802.3-92
- AAMA 808.3
- ASTM C-834

*Meets these specifications with the exception of the weight loss requirements due to water content.

PREPARATION

All joints or surfaces to receive Eraguard 1000 FG must be clean, dry, and free from contaminants such as oils, release agents, old caulking, loose paint, dust and free-standing water. Contact ERSystems Technical Service before doing an adhesion test.

Clean and prime all rusty metal surfaces with a rust-preventive primer such as Eraguard 2000. Allow to dry completely before applying caulk. Clean new metal with M.E.K. (methyl ethyl ketone) to remove lacquer, oils, or coatings that could inhibit bonding of caulk.

Masonry and brick surfaces must be cleaned to provide an acceptable bonding surface for Eraguard 1000 FG. Wire brushing, grinding, or sand blasting may be necessary to prepare these surfaces.

APPLICATION

Eraguard 1000 FG is designed for use with standard caulking guns or industrial pump and flow gun equipment, with approximately 30:1 ratio, can be used successfully for sealant application. Dry tooling is recommended. If necessary, dampen tool with a small amount of clean water.

In joints of ¼" to ½", the sealant depth at midpoint should be 1/4". In joints of ½" to 1", the depth at midpoint should be ¼" to ½". The sealant depth can be controlled in deeper joints by applying a foam backer rod or polyethylene strip.

COVERAGE

Approximate coverage for ¼" x ¼" joint is 125 lineal feet per gallon.

CLEAN-UP

Clean tools and equipment with plain water before acrylic sealant dries.

LIMITATIONS

- Do not apply at temperatures below 40°F (4.45°C).
- On exterior applications, do not apply if rain is expected within 8 hours.
- Not recommended for below grade application, or areas submerged in water.
- Not recommended for joints or surfaces

contaminated with oils or release agents.

- Skylights.
- Service temperature range is -35° F to 180° F.
- Substrate temperature range for application is 40°F – 120°F.

CAUTION!!!!

Avoid prolonged and repeated contact with skin. Do not take internally. Eraguard 1000 FG may be attacked by some solvents. If solvents are to come in contact with Eraguard 1000 FG, the user should test solvent on a cured sample prior to application, or request information from ERSystems Technical Services. Eraguard 1000 FG 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 a 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.