



ECO MINERAL FIREPROOF SEALANT

Build Greener • Build Better

PRODUCT DESCRIPTION

ECO Mineral is a 2 component, inter-network polymer which bonds, fills, seals, levels and protects hard surfaces as a rock solid, non-flammable sealant and patching compound.

PRIMARY APPLICATIONS

- + Joint Filling
- + Crack Sealing
- + Patch Repairs

KEY ADVANTAGES

- + Mineral-Based Inter-Network Polymer
- + Solid and Powerful Bond
- + Resistant to Burning and Smoking
- + Low Flame Spread
- + Conveniently Packaged in Dual Cartridges
- + Easy to Install
- + Excellent Adhesion to a Wide Range of Substrates
- + Rapid Cure –Open to Foot Traffic in 2 Hours
- + No VOC's
- + Low Odor
- + Meets USDA/FDA/CFIA Requirements for Use in Regulated Food Facilities
- + Low Maintenance
- + LEED Compliant

PHYSICAL PROPERTIES

PROPERTY	UNIT OF MESUREMENT	Eco Mineral Caulk
Compressive Strength	ASTM D 695	>10,000 psi
Burn/ Flame transmission at a rate of < 102 mm/min.	FMVSS 302 Federal Motor Vehicle Safety Standard , Section 571.302	PASS No ignition of material
Specific Optical Density of Smoke	ASTM E 662	D s 1.5 min.= 26
Generated by Solid Materials	Ds 4.0 min.= 111	PASS
Surface Flammability of Materials	ASTM E 162	Radiant Panel
Using a Radiant Heat Energy Source		Index, Is = 10 PASS
Toxic Gas Generation by Materials on Combustion	BSS 7239	PASS
Non-Cured, Freeze Thaw (3 cycles)	Freeze Thaw (3 cycles)	PASS
Cured, Freeze Thaw (3 cycles)	Freeze Thaw (3 cycles)	PASS

PACKAGING

- + 300 ml x 300 ml Cartridges
- + 5 Gallon Pails
- + 55 Gallon Drums

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MEMBER OF

**INTERNATIONAL
CONCRETE REPAIR
INSTITUTE**





APPLICATION GUIDELINES

SURFACE PREPARATION

- a) All surfaces must meet all applicable building and safety codes in the prescribed city, county or state, which ever has jurisdiction. Substrate must be structurally sound and sloped for proper drainage.

- b) Successful bonding requires structurally sound, strong, and clean substrates. The substrate must be cleaned to ensure that it is free for all oils, laitance, greases and other contaminations, such as concrete curing compounds, that may cause poor adhesion. After cleaning, the surfaces should be rinsed thoroughly to remove loose particles and traces of the cleaning fluids, etc. Apply to the dry surface.

MIXING

For best results: product should be applied with a 2-component side-by-side cartridge gun with air driven pressure feed, or a 2-component positive displacement pump delivery system

If hand mixing, mix thoroughly until a homogeneous mixture and color is obtained. Use care not to allow the entrapment of air into the mixture.

APPLICATION

Apply using a cartridge gun or pump into the area and allow to self-level. A continuous application will ensure a smooth and level application with no lines or streaks. If hand mixing, apply with a trowel. Then smooth and level to ensure no lines or streaks.

CURING

Product will provide 10-13 minutes of smooth, non-resistance spreading time, may be sanded and is opened to foot traffic in 1 hour. Cure time is 24 hours.

STORAGE, SHIPPING & HANDLING

Store product in a dry location in factory sealed containers at 60 to 90°F. Product shelf life is minimum 12 months in factory-sealed containers. **ECO Mineral** is Class 55, not regulated by USDOT shipping regulations.

SAFETY

Refer to Material Safety Data Sheets.

DISCLAIMER

The technical data and any other printed information furnished by Ecolink Products Group, Inc. is true and accurate to the best of our knowledge. This product conforms to Ecolink's in-house quality control procedures and should be considered free of defects. Due to the wide range of applications of this product, it is impossible to assume responsibility for any errors in regard to application, coverage, workmanship, over-spray or injuries resulting from the use of this product. Ecolink Products Group, Inc. makes no warranty, expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.