



ECO WATERPROOF POLYUREA WATERPROOF COATING

Build Greener • Build Better

PRODUCT DESCRIPTION

ECO WaterProof is high performance, two-component, renewable resource based polyurea, designed for use as a waterproof coating. **ECO WaterProof** creates a bubble-free film, which can be produced up to 50 mils thick. **ECO WaterProof** exhibits a low sensitivity to moisture, leaving only minimal bubbling when applied to damp surfaces. **ECO WaterProof** provides a flexible, water resistant layer.

PRIMARY APPLICATIONS

- + Waterproofing Coating

KEY ADVANTAGES

- + Penetrates and seals the surface, leaving a smooth, pinhole and bubble-free coating
- + Excellent adhesion to a variety of substrates
- + Outstanding stability at low temperatures
- + Can be applied on damp surfaces with no bubbles or foaming
- + Flexibility to adjust the cure profile
- + LEED Compliant

PACKAGING

- + 5 gallon pails
- + 55 gallon drums

COVERAGE

400 sq ft per gallon @ 4-5 mils coating thickness

PHYSICAL PROPERTIES

PROPERTY	Eco 3
Tensile Strength	2,400 PSI
Elongation	45 %
Modulus of Elasticity	47,900 psi
Flexural Strength (ASTM D790)	12,670 PSI
Tear Strength	pli 200
Polyurea Top Coat Adhesion	> 500 (elcometer), psi

APPLICATION GUIDELINES

SURFACE PREPARATION

General: Surface must be properly prepared prior to application. This could entail scrubbing, high pressure detergent washing, steam cleaning or solvent wiping of the surface to remove dirt, oil, grease, pollutants and other contaminants. Allow the surface to thoroughly dry. Once dry, remove loose or excess mortar or other material that may work to impair adhesion.

MIXING

To prepare the system for application, mix the appropriate volume of materials together for approximately 2 minutes. At this point, a cloudy liquid will result which will eventually become clear and amber. Shortly thereafter, a slight exothermic will become noticeable and the mixture will increase in viscosity. The actual working time will be about 45 minutes, but can be increased with ECO Catalyst.

Ecolink Products Group, Inc.

855-ECOLINK (326-5465) Toll Free
www.ecolinkgroup.com



MEMBER OF

**INTERNATIONAL
CONCRETE REPAIR
INSTITUTE**





APPLICATION GUIDELINES

ECO WaterProof can be applied by roller, squeegee or low pressure spray equipment. Ensure product is applied in an even and uniform manner, making sure recesses and edges are thoroughly coated.

CURING

- + Pot Life @ 25°C / 77°F is approximately 45 Minutes.
- + Tact free in 4 Hours.
- + Re-Coat Time: minimum 2 hours- to maximum 24 hours. Drying Time is listed @ 25°C / 77°F and 50% relative humidity.
- + Drying time will vary with surface temperature, air circulation, humidity, and film thickness.

STORAGE

The reaction of isocyanates with water leads to the formation of insoluble ureas and carbon dioxide gas that can result in pressure buildup inside closed containers. Therefore, extreme care must be taken to assure containers used for **ECO WaterProof** remain dry.

During handling, **ECO WaterProof** must also be protected from atmospheric moisture and water ingress, and containers must be carefully resealed after each sampling. Containers that have become contaminated with moisture should not be subsequently sealed; otherwise, a hazardous increase in pressure may result.

ECO WaterProof is resistant to short-term exposure to low temperatures. However, low temperatures will result in increased viscosity, which makes handling more difficult. It is not advisable to store **ECO WaterProof** for long periods below 32°F (0°C). The recommended storage temperature for ECO Waterproof is 60 to 95°F (16-35°C).

SAFETY

Refer to Material Safety Data Sheets.