



Build Greener • Build Better

ECO SEAL

WATER-BASED POLYUREA SEALER

PRODUCT DESCRIPTION

ECO Seal is a single component, water-based polyurea, designed as a UV stable, breathable sealer for use on most rigid and flexible substrates, including concrete, tile, masonry, wood, metal and stucco. **ECO Seal** may be applied with a roller or airless sprayer. **ECO Seal** provides superior weather-protection for walls, decks, patios, sidewalks and driveways.

PRIMARY APPLICATIONS

- + UV Stable Sealer
- + Walls – Concrete, Masonry, Stucco
- + Decks
- + Floors – Wood, Tile, Vinyl
- + Walkways and Patios
- + Driveways

KEY ADVANTAGES

- + Single Component – Easy to Apply
- + Rapid Curing - Dries In Minutes
- + Outstanding UV Stability
- + Superior Wear Resistance
- + Breathable Sealer
- + Excellent Chemical Resistance
- + 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 MEASUREMENT	Eco Seal
PRODUCT SPECIFICATIONS:		
Solids - Volume	%	37
Solids - Weight	%	40
TYPICAL FILM PROPERTIES:		
Dry to Touch @ 70°F	Minutes	5
Film Appearance	Color	Clear
Tensile Strength ASTM D412	PSI	5980
Elongation ASTM D412	%	210
TYPICAL PHYSICAL PROPERTIES:		
Viscosity @ 70°F	CPS	50-300
Weight/Gallon	LB	8.9
Appearance	Milky, White liquid	
PH	PH Units	7.5 – 9.5
Freeze Thaw Stability	Passed - 5 Cycles	

CHEMICAL RESISTANCE

CHEMICAL	TIME	ECO Seal
Acetone	10 seconds	5
Ammonia	1 hour	4-5
Water	16 hours	5
Nivea	16 hours	5
Plasticizer	1 hour	5
Coffee	16 hours	4
Hot Tire		5 (No Stain)
Brake Fluid	2 hours	5
Transmission Fluid	24 hours	5
Gasoline	24 hours	5
Motor Oil	24 hours	5
Diesel Fuel	24 hours	5
Pepsi Cola	24 hours	5

**The 5 to 0 scale represents: 5 – excellent (no effect); 0 – failure*

Ecolink Products Group, Inc.

1-855-ECOLINK (326-5465) Toll Free
www.ecolinkgroup.com



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APPLICATION GUIDELINES

Surface Preparation

Preparation of substrate surface prior to the application is extremely important as durability is only as good as the weakest link in the coating system. Concrete must be fully cured and should be prepared with a sandblasting, diamond grinding or machine sanding depending on the severity of the concrete surface condition. Similar proper preparation must be performed for metals. Always power clean using mild detergent prior to sanding, etc.

Use **ECO Mineral** for patching concrete. For expansion joints, **ECO Weld Rapid Set Polyurea Joint Sealant**. It is recommended that a test of a small section of the application area prior to covering the entire area.

PACKAGING

- + 5 Gallon Pails
- + 55 Gallon Drums

COVERAGE

400 sq ft per gallon at 4 mils

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 Seal** 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.