



Fiber Seal XP™

5 in 1 Roof Sealer

Product Description

Enco® Fiber Seal XP™ is a professional high performance urethane ceramic elastomeric roof sealer. It is a fiber-reinforced, high-build roof coating that shows superior adhesion and durability than most roof coatings. The ceramic composition of Enco® Fiber Seal XP™ will significantly lower interior temperature by reflecting 79% of sun rays and eliminating 89% of heat received (ASTM C-1549). This product will not crack, crumble, or peel despite severe weather or total joint movement. It will provide a seamless 100% water resistant and weatherproof coating that adheres tightly to any surface.

Advantages

- 100% Elastomeric roof sealer and primer in one
- Urethane-formulated
- Fiber-reinforced
- Applies blue/dries ultra-white (“Transtech Technology”)
- Mildew and algae inhibitor
- Low VOC
- Complies ASTM D-6083

Product Uses

Proven properties of adhesion exceeding standard ASTM C-794 specifications. Suitable for:

- Asphaltic Roofing Membranes
- Concrete
- Polyurethane Foam
- Aged Galvanized Metal
- Wood

Packaging Sizes

Available in 5 gal pail.

Product Characteristics & Properties

Coverage	Approximately 75 square feet per gallon. <i>Depending on surface texture, porosity and application method.</i>
Shelf Life	24 months (unopened)
Weight per Gallon	11.1 ± 5%
Storage Temperature	75-85°F
Disposal	Consult local and federal agencies for details.

Liquid Requirements	ASTM Test Method	ASTM Requirement	Result
Brookfield Viscosity @ 73.4°F, cps	D 2196	12,000 - 85,000	27,000
Viscosity @ 73.4°F, KU	D 562	85 - 141	112
Volume Solids, %	D 2697	>50	52.3
Weight Solids, %	D 1644	>60	64



Product Characteristics & Properties

Film Properties	ASTM Test Method	ASTM Requirement	Result
Initial Tensile Strength @ 73°F,psi	D 2370	200 min.	262
Initial Elongation @ 73°F,%	D 2370	100 min.	160
Permeance (20 mil dry film, 73.4°F/50% RH, Inverted), perms	D 1653	50 max.	30.8
Water Swelling, Mass %	D 471	20 max.	13.9
Wet Adhesion to galvanized metal, pli	C 794 / D 903		5.2
Wet Adhesion to asphalt shingles, pli	C 794 / D 903	2.0 min.	2.7
Wet Adhesion to concrete, pli	C 794 / D 903	2.0 min.	4.8
Tear Resistance (Die C), lbf/in	D 624	>60	78.2
Fungi Resistance, rating	G 21	0 max.	0
Film Properties after 1,00 Hrs Accelerated Weathering			
Film Properties after 1,00 Hrs Accelerated Weathering	ASTM Test Method	ASTM Requirement	Result
Elongation @ 73°F,%	D 2370	100 min.	164
Low Temperature Flex, 1/2" mandrel, -15°F	D 522	Pass	Pass
Appearance after 1,000 hrs accelerated weathering	D 4798	No Cracking or Checking	Pass

Surface Preparation

1. Clean - Pressure wash roof with a mild detergent and rinse thoroughly. Remove all dirt, grease and loose particles such as gravel, previous coatings, etc., and kill and remove any mildew or fungus with a bleach solution.
2. Repair - Repair concrete cracks and holes using an elastomeric crack filler.
3. Level - Correct indentations, uneven and damping areas using a self leveling underlayment mortar.
4. Prime - The use of primer is always recommended for uncoated concrete. Use Enco® Hydro Primer™ to seal internal concrete cracks.

IMPORTANT: Roofs must have proper drainage and no damping areas.

Product Application

Apply a first coat using a roller, brush or airless sprayer. Apply only at temperatures above 50°F. Do not apply if roof surface temperature is above 95°F. If roof is too hot, spray with water to avoid sealer from drying up too quickly. Do not apply after 4 PM. Do not apply if rain is forecast within 24 - 48 hours. Allow at least 24 hours of drying time and apply a second coat in perpendicular direction. **DO NOT THIN OR DILUTE FROM FULL STRENGTH.**



Caution

Contains acrylic resin. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clean water. If swallowed, do not induce vomiting. CONSULT A PHYSICIAN IMMEDIATELY. Use only with adequate ventilation. KEEP OUT OF REACH OF CHILDREN. Refer to the product's safety information on the Safety Data Sheet (SDS).

Contacts

For additional information please contact Enco® Manufacturing Corp.

Limitation of Liability

Our liability regarding this product is limited to its replacement or its refund value should it not comply with our specifications and does not include any application costs.