



ECO-FLEX

ALL SEASON FORMULA

The FIRST Water-Based, Rubberized
Waterproofing Coating Not Affected By Freezing

DESCRIPTION

Eco-Flex ASF is a water-based, cold applied, rubberized, highly flexible, liquid waterproofing membrane that can be used for below grade waterproofing and also above grade as an air and water vapour barrier. Aquaseal has developed the first water-based, asphalt emulsion coating that is not affected by freezing. This exceptional product is solvent free, non-flammable, and forms a highly flexible monolithic waterproof membrane. It has excellent adhesion properties, not only on concrete (both new and existing), but also ICF (Insulated Concrete Forms) and polystyrene sheets, and cures to form a water and vapor proof coating. **Eco-Flex ASF** is not only #1 in innovation, quality and performance, but is also offered at a very competitive price.

FEATURES

- ✓ Ready to use - no priming required
- ✓ Spray applied with airless sprayer – product may be heated to improve sprayability (120F max.)
- ✓ Apply in temperatures down to 20F
- ✓ Can also be applied with roller or brush
- ✓ Product is not destroyed by freezing – if freezing occurs – thaw, stir well and apply. Short periods of freezing will not affect the quality or performance of the product.
- ✓ Highly flexible - +950%
- ✓ 30 Year Warranty on product
- ✓ Adheres to virtually all building substrates
- ✓ Can be used on metal, plywood, SIP and OSB
- ✓ UV resistant (up to 12 months exposure)
- ✓ Non toxic and VOC compliant in ALL States
- ✓ Solvent and odor free and non-flammable
- ✓ Friendly to the environment and the applicator
- ✓ Can be used as an above grade water and air vapour barrier
- ✓ Cleans up with soap and water
- ✓ Very good coverage – 225sf per 5 gal. pail (2 coat application)
- ✓ Long shelf life (2+ years)
- ✓ Use on above and below grade applications, horizontal or vertical surfaces
- ✓ Can be used as an adhesive for Polystyrene Protection boards

COVERAGE

Below Grade: As a waterproof foundation coating, approximate application rate is 225sf per 5 gallon pail, allowing for 2 coats of 30mil each which will yield a dry film thickness of 40mil.

Above Grade: As an air and water vapour barrier protection on the building envelope, one coat is required (15mils wet curing to 10mils dry) and will yield a coverage rate of 180sf per gallon or 900sf from a 5 gallon pail.

SURFACE PREPARATION

Coverage area should be clean, sound and dry, and free of any loose material or debris. **Eco-Flex ASF** has superior adhesion and bonds firmly to ICF or substrate, even when applied onto green concrete. However, **Eco-Flex ASF** should not be applied if rain or snow is forecast within 24 hours after application.

APPLICATION

Stir well prior to using. **Eco-Flex ASF** is best applied by with a commercial airless sprayer (contact Aquaseal for sprayer specifications), or using a brush or roller. In cold weather the product can be heated slightly (120F max) to improve the spray pattern. If using an un-heated sprayer, keeping the product warm and insulating the hoses is recommended to improve workability.

CURING & DRYING

Ideal drying temperature is +35F but the product can be applied in temperatures as low as 20F. Under warm weather conditions **Eco-Flex ASF** should be tack free within approx. 1 hour and fully dry within 12 hours. During cold weather, the product will take longer to dry so allow 24 hours before backfilling. A heated sprayer will reduce winter drying time. It is recommended that protective wrap or drainage/insulation boards be used in areas with poor draining soil, possible flooding or seismic activity, or where local building codes require it.

CLEAN UP

Uncured material can be cleaned off using soap and water. Once cured use mineral spirits.

PACKAGING

Eco-Flex ASF comes in 5 gallon pails (18.9 L) or 55 gallon (200 L) drums. Totes are available – please call for pricing.

STORAGE & HANDLING

Eco-Flex ASF can tolerate short periods of freezing (3-4 days) without damaging the product **BUT** it is important that the product is stored at temperatures above freezing.

CAUTION

Eco-Flex ASF is non toxic, but it is recommended that the applicator wear protective work clothing and eye wear. Avoid prolonged contact with exposed skin and keep away from mouth and eyes. If swallowed, do not induce vomiting and seek medical help immediately. **KEEP OUT OF REACH OF CHILDREN**

LIMITATIONS

Eco-Flex ASF is not designed to perform as an exposed wearing course membrane. Newly applied **Eco-Flex ASF** should be protected against rain and snow during the first 24 hours. Keep containers tightly sealed and stored at temperatures between 35F to 120F. Product can tolerate short periods of freezing without affecting product quality but **DO NOT FREEZE PRODUCT FOR LONGER THAN 3-4 DAYS.** If kept as stated, the shelf life of **Eco-Flex ASF** is 24+ months. Stir well prior to use.

WARRANTY

Eco-Flex ASF comes with a 30 Year Warranty on the product – see Warranty for details. It is the responsibility of the customer to determine the suitability of the product for the intended purpose. Factors such as weather, surface preparation and applicator's skill are beyond the control of the company. Therefore, the manufacturer's liability is limited to the replacement of the defective material only.

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