



ECO-FLEX ROOF

Water Based, Weatherproof Roof Coating

Technical Data Sheet

DESCRIPTION

ECO-FLEX is a water based, non-fibered asphalt emulsion, with selected colloids to formulate a durable waterproof roof coating that is suitable for damp conditions. Its superior strength and elasticity make it excellent for repairs to flashings, smooth surface asphalt cracks as the result of roof movement and thermal shock, or for recovering entire roof surfaces.

Eco-Flex Roof meets the requirements for ASTM D-1227-95 Type III, the standard specification for emulsified asphalt used as a protective coating for roofs. This specification is designed for products used on built-up roofs and other exposed surfaces with inclines of not less than 4% or 42mm/m.

USES

- ▶ Protective coating on asphalt, metal and masonry roof surfaces
- ▶ Patch and repair material around flashings or cracked areas
- ▶ Can be used as a weatherproof barrier for walls and other areas with no foot traffic

ADVANTAGES

- ▶ Ready to use – no priming required
- ▶ Water based emulsion, solvent free and non flammable
- ▶ Contains UV stabilizers

Technical Data / Physical Properties

Form:	Liquid with organic odour
Colour:	Black
Standard:	ASTM D-1227-95 Type III
Coverage:	Approx. 1.0m ² per litre
Drying time @ +10°C:	Touch dry under 1 hour Fully cured in 6 hours
Flash Point:	100°C (212°F)
Solids:	47% - 53%
VOC Content:	10 grams per litre

ADVANTAGES

- ▶ Safe for the environment and the applicator
- ▶ Forms a continuous, seamless, weather and temperature resistant membrane
- ▶ Coverage rate is approx. 1.0m² per Litre
- ▶ Apply with airless sprayer, brush, roller or squeegee
- ▶ Quick drying – can be recoated in a few hours
- ▶ Superior adhesion and cohesive strength on most building substrates

METHOD OF USE

SURFACE PREPARATION

Coverage area should be clean and oil free and the surface may be damp but not soaking wet. **Eco-Flex Roof** should be protected from freezing and applied in temperatures over 8C (45F). The product should not be applied if rain is forecast within 6 hours after application.

APPLICATION & COVERAGE

Eco-Flex Roof can be applied with a commercial airless sprayer (not a residential paint sprayer) or by brush, roller or squeegee. A coating of 0.5mm wet is recommended and should achieve a coverage rate of 0.5l/m². A 2 coat application is required giving a coverage rate of 1litre/m².

CURING & DRYING

Ideal drying temperature is +10C (+50F). Under standard conditions **Eco-Flex Roof** will be tack free in less than an hour, fully cured within 6 hours. Product should remain dry until fully cured.

CLEAN UP

Uncured material can be cleaned off using soap and water. Once cured use mineral spirits. Rinse equipment/tools in water before using again.

PACKAGING

Eco-Flex Roof is available in 18.9L pails (5 gal.) or 200L (55 gal.) drums.

LIMITATIONS

Not for use on flat roof surfaces or areas that will experience foot or vehicular traffic.

STORAGE & SHELF LIFE

Keep containers tightly sealed and stored in temperatures between 2C to 32C (35F to 90F). If kept as stated, the shelf life of **Eco-Flex Roof** is 24 months. **DO NOT ALLOW PRODUCT TO FREEZE.**

CAUTION

Product 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. **KEEP OUT OF REACH OF CHILDREN**

WARRANTY

It is the responsibility of the customer to determine the suitability of the product for the intended purpose. Factors such as the 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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