

Domoproof[®] Elastolene

SBR Modified Emulsified Bituminous Coating

Domoproof[®] Elastolene is bituminous emulsion modified with 10% Styrene Butadiene Rubber (SBR), which dries to form a tough, seamless, flexible, water and vapor proof protective coating.

Characteristics

- Cold applied
- Single component
- Can be applied on damp surfaces
- Water-based, non-toxic
- Crack-bridging ability
- Good adhesion to most building substrates

Fields of Application

Can be used in a wide range of applications, including:

- Waterproofing & protective coating on concrete structures, like retaining walls, foundations etc.
- As a damp proof membrane
- As a vapor control coating in both indoor and outdoor applications
- As an adhesive of insulation boards
- As a curing compound for fresh concrete

Due to its high content in SBR it exhibits excellent elasticity characteristics and can allow for some minor movements which are expected in most structures.

Application Instructions

Although application procedures could differ according to the site conditions, the following guidelines may apply:

Surface preparation

The surface to be treated must be cleaned to remove oils, dust etc. In the case of deteriorated concrete, the surface must be repaired using suitable technical mortars before applying the product.

Priming

The use of a priming coat is recommended in most cases, especially when applied to porous substrates such as concrete or plaster. As primer, use the **Domoproof[®] Elastolene** diluted with around 30-40% water.

Waterproofing coats

Apply by brush or roller after stirring the content of the drum thoroughly. The number of coats depends on the project requirements but usually at least two coats are recommended. Apply successive layers at right angles to each other, only after the previous coat has dried.

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Application Instructions

Protection

When applied **Domoproof® Elastolene** must be protected from getting damaged due to various site activities (e.g. backfilling). The use of at least 0.15 mm thickness protective polyethene sheet or of dimpled membrane is recommended.

Coverage

The coverage may vary, depending on the intended/specified use. Generally 0.3-0.7 kg/m² per coat.

Storage – Shelf Life

The pails and drums must be stored in a covered area away from direct sunlight. Under these conditions, the product has a shelf life on 12 months.

Safety Instructions

Product for professional use only.

Protect the skin and eyes from splashes. Wear protective clothing including gloves and safety goggles. In case of splashing on the skin or eyes treat with fresh water immediately.

Packaging

18 kg pail
220 kg drum

Warning

Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all above information must, in every case, be taken as merely indicative and subject to confirmation after long-term application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application; in every case, the user alone, is fully responsible for any consequences deriving from the use of the product.

Technical Characteristics

PROPERTIES	VALUES *
Color	Dark brown, dries to black
Form	Thixotropic, viscous liquid-paste
Density @ 25° C [kg/l]	1.0 ± 0.05
Solid Content [% by weight]	65
Rubber content [%]	> 10 on the dried film
Elongation [%]	> 500
Flash point	Non flammable
Drying time Density @ 25° C [min]	60
Application temperature [° C]	5 to 55
Service Temperature [° C]	-5 to 90

* All values subject to 5-10% tolerance

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