

Elastofalt[®] EP

Description

Elastofalt EP is a ready to use applied cold and highly modified bitumen emulsion to be used for water proofing of concrete, existing roofingfelts, iron roofs, walls, basements, kitchen floors and foundations.

Properties

specific gravity at 20°C	: approx. 1.000 kg/m ³
solids content	: min. 60 %
cold resistance	: by bending around a 2-inch diameter mandrel no break till -12°C
water perviousness DIN 52123	: waterproof
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elongation	: 300 - 1.800%, depending on thickness of layer and temperature.
UV-and ozone stability	: good
chemical stability	: resistant to all chemical action normally occurring in building structures [acids and bases]
softening point ring and ball	: > 130°C

Application instructions [general]

Surface preparation

- the surface to be treated should be clean and free from dust, oil and grease. Cement skin, rust scale and other loose particles should be removed with a highpressure sprayer.
- blisters and folds should be cut out and repaired with roofing felt or Elastofalt EP with an open fibre felt.
- joints and cracks must be treated with roofingfelt or polyester bedded in Elastofalt EP.

Application of Elastofalt EP on roofs

- apply layers of approx 1.5 kg/m² of Elastofalt EP. After drying it is advisable to use an open glasfibre or polyester felt between the first layer and a second layer of Elastofalt EP.
- finish off with slate chippings or Flexkote emulsion [1,5 kg/m²].
- always protect the last bituminous layer with a white acrylic coating.

Only in the case priming is necessary, prime with an Elastofalt DR primer.

Roofing with many defects:

After cleaning and repairing a layer of perforated bituminous open fibre felt is loosely laid. Next a layer of Elastofalt EP [1,5 kg/m²] is applied with open tissue or felt directly in the Elastofalt EP. After curing a second layer of Elastofalt EP is applied. Then finish off.



PRODUCT INFO

Waterproofing balconies and terraces	Small surfaces and low water load: one layer with a thickness of 1.5 - 2.0 kg/m ² . To make the surface trafficable the last layer of Elastofalt EP can be covered with preferably two loose laying layers of the Flexkote. Then tiles of concrete can be laid on top of this.
Waterproofing showers and bathrooms	Masonry joints must be full and well bound. After cleaning, make dust free and prime. Elastofalt EP should be dressed with dry sand to facilitate tiling.
Use	on vertical surfaces 2 layers of 1,0 kg/m ² on horizontal surfaces 2 layers of 1,5 kg/m ²
	In dusty rooms, use an Elastofalt DR primer before applying.
Waterproofing cellar walls, foundations, etc.	to prevent moisture rising : layers of 3 kg/m ² total. to prevent ground water rising : 4 kg/m ² total, in several layers in combination with a fibre felt.
Warranty	A warranty of 7 [seven] years, given for the product, only pertains to the applied material and not the application itself, and only if the product is used according to this applicationsheet. The material does not act as a constructive material, and defaults in the constructions or other force majeure. This warranty is the material warranty and should not in any case replace a warranty of the contractor.
Restrictions	<ul style="list-style-type: none">- the user must not harm the system in any case;- the user must not spill solvent or oil on the system and- not to use fire, welding, chemicals etc. which will harm the system;- if in doubt the user should contact the distributor prior and after the job.
Equipment	The working equipment has to be wetted before use with a bituminous primer or water. During application or when application stops, brush or broom should be rinsed in water with some sodium carbonate or washing up liquid added [this can also be used as rewetting, in case primer is not at hand]. If necessary tools can be cleaned with white spirit or gasoil.
Color	Black.
Storage	Keep from freezing. Max. 6 months in original packing.
Packing	In pails of 5 kg and 25 kg.

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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Hoogewaard 183 Postbus 6 2396 ZG Koudekerk aan den Rijn

Tel.071-341 91 08 Fax.071-341 59 46

E-mail:info@latexfalt.com www.latexfalt.com