

Elastofalt® Spraykote

Composition	Elastofalt Spraykote is a sprayable rubber bitumen emulsion for high-quality waterproofing on vertical and horizontal surfaces.	
Applications	<ul style="list-style-type: none"> - single-layer sealing for hangars and inverted roofs; - reconditioning of all types of roofs; - sealing of culverts, galleries, tunnels, terraces, underground garages, bunkers and civil defence shelters against surface water; - sealing of foundations, basement walls, retaining walls, bridge abutments, against ground moisture, seeping and static water; - protection of buildings from ground water pressure. 	
Spraykote emulsion properties	specific gravity at 20°C	: approx. 1020 kg/m ³
	solids content	: about 60% by weight
	layer thickness	: 7 kg/m ² wet = approx. 4 mm dry
Spraykote dry film properties	water perviousness DIN 52123	: waterproof
	water vapour transmission rate	: 73 x 10 ⁹ m/s
	cold resistance DIN 52123	: - 18°C
	elongation 20°C, 2 mm thick	: > 1200%
	elongation -10°C, 2 mm thick [ASTM D 412]	: >25%
	UV-resistance [STM G 53-77]	: no reduction of elongation after 1000 hours with QUV accelerated weathering tester
	chemical stability	: resistant to most chemical action normally occurring in building structures [not resistant to solvents and oils]
	softening point [ring and ball]	: > 100°C
	minimum application temperature	: 5°C
System	<p>The liquid polymer-bitumen emulsion and a precipitating agent are applied simultaneously but separately from a double or triple-nozzle spray. By mixing the two products just before reaching the surface the coagulation of the emulsion is being initiated.</p> <p>Once de-emulsified a continuous and seamless film has been formed, which is insensitive to water from the outset, even a sudden fall of rain will not damage it.</p> <p>The water that is initially present in the coating will evaporate within a few days or weeks at a rate, which depends on the film thickness, air humidity, and temperature. Frost interrupts the drying process temporarily, but causes no damage if the coating is not stressed mechanically.</p>	



PRODUCT INFO

Preparing the substrates

Applying a sealing system including Elastofalt Spraykote requires the following provisions for obtaining a protective sealing, which will last for many years.

The surface to be treated should be clean and free from oil and grease. Loose particles must be removed and damaged spots repaired first.

Blisters and folds should be cut out first and like joints and cracks be treated with roofing felt or polyester, open fibre felt and Elastofalt EP.

After preparing the substrate a primer should be applied [approx. 0,25 kg/m²].

Possible primers: bitumen solved based or diluted Spraykote emulsion [without electrolyte]. The Spraykote system can be applied after drying of the primer.

Different types

- Spraykote 15 [flat roofs]
- Spraykote 45 [roofs up to a sloop of 45°]
- Spraykote 90 [roofs and walls up to a sloop of 90°]

Packaging

bulk, 200 ltr drums and 1000 ltr containers.

Storage

keep from freezing.
max. 6 months in original packing.

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.

23-02-2006



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