

Elastovill E-KV- 4 (Elastovill E-4)

Elastomer bitumen-sealing membrane

The Product

Elastovill E-KV- 4 is a sealing membrane with a polyester fleece carrier which is impregnated and coated on both sides with SBS modified bitumen. The top side is finished with fine sand and the bottom is covered with a fast melting torch film. Production and the factory production control-system are certified according to EN ISO 9001.

Product Features

Due to good cold flexibility **Elastovill E-KV- 4** shows perfect behaviour in application and deformation, excellent crack bridge ability and permanent reset force ability even at low temperatures. The tear resistant and elastic capable carrier shows high resistance against mechanical perforation.

Field of Application and Application Method

Elastovill E-KV- 4 is suitable as a sealing membrane in multilayer sealing systems according to ÖNORM B 2220 and will be used at new building constructions or redevelopment on flat roofs, pitched decks, and diverse building constructions. Where occurring deformation stress from the construction (lightweight roofdecks, thermal stress, creep and dwindle of concrete, cracks by sinking, extension joints a.s.o.) are expected, **Elastovill E-KV- 4** is recommended very much. The glueing follows mainly by the thorch on method either full bond or partially.

Technical Data

Thickness	[mm]	approx. 4,0
Weight	[kg/m ²]	approx. 4,5
Maximum tensile force	[N/5 cm]	800/800
Elongation at max. tensile force	[%]	40/45
Cold flexibility (r = 15 mm/3 s), no cracks	[°C]	-20
Heat resistance, method A , 2 hours	[+100° C]	heat resistant
Waterproof, 5 bar, 24 hours		waterproof
Softening point of coating mass	[°C]	>120
Reinforcement		polyester fleece according ÖNORM B3657
Thickness of vapour diffusion-equivalent air layer	[μ.s(m)]	130
Chemical resistance resistant labile		water, saline solution, dilution acids and bases oil, mineral oil products, hydro-carbon solutions
Surface, top/bottom		fine / film
Roll dimension, length / width	[m]	10 / 1

Tested according ÖNROM B 3646, DIN 52 123

Note

Above figures are nominal figures, depending on statistic fluctuations. Technical modifications reserved. It is responsible to the user to check the suitability of the product in case of application and to make sure to be in possession of final release of the data sheet.

ELASTOVILL E-KV-4 Export R001
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update status: April 2003 -

Storage

The rolls have to be stored vertically and protected against moisture and extreme heat. Before application in cold season, store at least 12 hours free from frost!