

ELASTOKOTE 2K

TWO COMPONENT, FIBER REINFORCED, BITUMEN-RUBBER BASED ELASTOMERIC LIQUID MEMBRANE

DEFINITION

Elastokote 2K is a bitumen-rubber based two component liquid membrane. It is elastic and fast curing, and its elasticity and resistance is made stronger with various additives. After the evaporation of water in its composition, there constitutes a water and moisture-resistant and elastic layer with strong adhesion onto the surface where it is applied.

USING AREAS

- Elastokote 2K is used to insulate water leakages in covered wet areas such as bathroom, kitchen, toilet, etc., in external insulation of ground walls, basements and underground storehouses, etc. and in all horizontal and vertical surfaces.
- It is used together with reinforcement such as fibermesh, nonwoven polyester, etc. in cracked surfaces or in insulation applications where it is required to be durable for higher pressures of water.

TECHNICAL PROPERTIES

BASE	Bitumen-Polymer-Cement
COLOUR	Dark Green (in packaging), Black (after curing)
CONSISTENCY	Viscous Liquid
DENSITY	1,2 kg/dm ³
APPLICATION TEMPERATURE	Between (+5°C)/(+35°C)
SERVICE TEMPERATURE	Between (-30°C)/(+80°C)
SOLID CONTENT	63%
DRY RESIDUE (VOLUMETRICALLY)	> 80%
CURING TIME	TOUCHING :1 Hour FULL DRYING :5-6 Hours TEST :8 days
CARBONDIOXIDE PERMEABILITY	299,68 m
WATER - VAPOUR PERMEABILITY	14,293 m
WATER PERMEABILITY	0,014 kg/m ² .h ^{0,5}
BOND STRENGTH	0,5 N/mm ²

(At 23°C and %50 relative humidity. Higher temperatures decrease; lower temperatures increase the times given.)

ADVANTAGES

- It constitutes a seamless insulation layer with no joints.
- It is environment friendly, as it is water-based.
- It can be used confidently in covered places; due to its solvent- and toxin-free composition.
- There is water in the mixture, so that it enables a good adhesion even if the surface is moist.
- It has a permanent elasticity.
- It has high capacity to cover cracks due to fibers in composition.
- It's resistance to chemicals and salt solution in the soil is excellent.
- It is a cold applicable product. No heating or thinners are required.

EMÜLZER ASFALTEVİ TECRİT MADDELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

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TS EN 1504-2



BS EN ISO 9001:2008



SURFACE PREPARATION

The application surface should be without dust, rust, dirt, grease and oil and the loose parts should be scrapped out. The sharp points or horizontal-vertical joint places subject to cracking should be rounded. The large pores and the cracks should be filled with EMÜLDERZ jointing paste.

APPLICATION

- ELASTOKOTE 2K is cold applicable.
- Powder component in the bag is poured into liquid component, and then they are mixed together with a low revolving mixer until there remains no lump.
- After they are mixed, it is applied with a trowel.
- According to weather conditions, it dries approximately in 1 - 2 hours.
- It can be applied on moist surfaces, but not on wet surfaces.
- It should not be applied under the rain or at temperatures lower than +5°C.
- Next layer should not be applied before preceding one dries.

CLEANING OF THE TOOLS

The cleaning of the tools is accomplished with soapy water just after the usage but with industrial type of solvents after curing.

CONSUMPTION

For each layer : 800 g/m² and at least three layers.

PACKAGING

In a set of 24 kg liquid component in pail and 8 kg powder in plastic bag.

PRECAUTIONS

Elastokote 2K should be prevented from freezing while in package.

Keep off from the reach of the children.(S 2)

The eyes and the skin should be protected while working with all kinds of chemicals.(S 24/25)

Wear suitable protective clothing and eye/face protection. (S 36/39)

Because this bulleting has been prepared considering the general conditions only, for the details except for the ones written above, please request additional written information otherwise no responsibility will be assumed due to the faults arising because of the insufficient data.

This technical bulletin invalidates the previous ones regarding this product.

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