Elastic Rubber

Description:

Ready to use, solventfree and thixotropic coating containing bitumen and high grade latex (rubber).

Forms an extremely elastic membrane once cured.

Adheres to many substrates: concrete, bitumen, metal, PVC, stone,...

Use:

Universally used for the waterproof protection of construction elements, like roof gutters, bitumen roofs, flashings,...

Damp proofing of below grade walls, ground level details,...

Sizing and palletization:

2,5 kg metal tin (item number 02385802)

25kg metal tin (item number: 02385801)

Storage:

12 months in the hermetically sealed packaging, when stored in a dry and cool place.

Partly used containers may be resealed and used again after correct storage.

To avoid the risk of spillage, always store and transport in a secure upright position.

Colour:

Black

Technical characteristics:

Dry substance	+/- 60%
Density	+/- 0,99 g/cm³
Penetration	80-100 (T 25°C)
Softening point (R&B)	> 120°C
pH	11
Viscosity	1.860-3.700 Ps
Shore hardness	50
Elasticity	> 1.000%
Tensile strength	> 1,5 N/mm²
Recovery from 200% elongation	> 95%
Tear resistance	> 15N
Heat resistance, 2 hours at 100°C	No vertical flow
Cold flexibility	< -10°C
Water vapour transmission (1,3mm film)	< 10g/m²/24 hours
Permeability	0,063 ng/m/s/Pa
Adhesion on concrete	50N/50mm at 90°C



Application:

The substrate needs to be sound, clean and free from grease and nonadhering particles. The substrate is preferably dry. Humidity and low temperature retard drying time.

Algae and fungi must be removed with a stiff broom and the surface treated with IKO pro Algae and Fungi Remover.

Apply IKO pro ECO Primer/ Bitumen Primer/ Quick Primer in one layer with a brush, roller or airless spray gun.

Stir IKO pro Elastic Rubber manually or very slowly mechanically.

Always apply IKO pro Elastic Rubber in 2 layers using a roller, soft brush, squeegee or spray gun. Protect from rain for two to four hours. Water resistance is achieved when the brown coloration has turned black.

The second layer can be applied when the first is completely dry (± 24 to 36 hours, depending on the surface, the temperature, the air circulation and humidity).

In cases of heavy mechanical pressure, a reinforcement band can be placed between the two layers of IKO pro Elastic Rubber.

While the second layer is still wet, sprinkle with slate granules and/or quartz sand (2-4 mm).

Consumption rate:

Waterproofing: 2 layers of 1 kg/m²

Dampproofing: 2 layer of 0,5 kg/m²

Cleaning of tools:

With water while still wet, otherwise with white spirit.

Certificates:

Production ISO 9001 and ISO14001

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