

COLPHENE STICK 3MM

TECHNICAL DATA SHEET APTDS-E-133-02

DESCRIPTION

COLPHENE STICK 3MM is a self-adhesive membrane composed of SBS modified bitumen with a polyester reinforcement. The surface is composed of a PE film, the underside is covered with a released protection film.

APPLICATION

- Waterproofing for foundations walls and other below grade applications;
- Waterproofing and underlayment for roofs and other types of structures (concrete, metal, gypsum, insulation, wood...);
- Vapour and air barriers for roofs and facades.

INSTALLATION

- Brush and dry the surface (concrete, metal, gypsum, insulation, wood...);
- If needed, cover the surface with a coat of primer ELASTOCOL STICK using a brush or a roller;
- Once dry, put roll into place and set it to the appropriate size;
- Overlap width must be according to local code or guiding line of the membrane;
- Remove the silicone film from the underside;
- Pull on sheet and lay it out while flattening the surface so as to avoid air getting trapped.

HEALTH AND ENVIRONMENT

The membrane does not contain any substance that might be detrimental to health or to the environment and complies with generally accepted health standards and Material Safety Data Sheet (MSDS).

QUALITY CONTROL

SOPREMA has always attached highest importance to quality control. For this reason, we operate an internationally recognized quality system meeting ISO 9001 & ISO 14001 standards, independently monitored and certified.

PROPERTIES

Composition	COLPHENE STICK 3MM
Thickness	3 mm
Gross weight	4.2 kg/m ²
Dimension	1×10 m
Top Face	PE film
Reinforcement	Polyester
Under Face	Silicone release film

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Properties	Test method	COLPHENE STICK 3MM
Tensile Strength	ASTM D412 modified	≥ 450 N/50mm
Elongation at break	ASTM D412 modified	≥ 30 %
Hydrostatic pressure resistance	ASTM D5385	0.7MPa, 1h no water leakage
Low temperature flexibility	ASTM D1970	-20°C, no cracking
Low temperature crack bridging	ASTM C836	Pass
Peel resistance on concrete	ASTM D903	2.53 N/mm
Lap peel adhesion	ASTM D1876	2.22 N/mm
Water vapor transmission	ASTM E96-Method B	0.14 ng/(m ² ·s·Pa)

(All values are nominal)