



WATERPROOFING

APPLICATIONS

FOUNDATIONS

COLPHENE STICK LAP

TECHNICAL DATA SHEET 160930SCANE

(supersedes 160909SCANE)

DESCRIPTION

COLPHENE STICK LAP is a waterproofing membrane composed of SBS modified bitumen and a composite reinforcement. The surface is sanded, while the underface is covered with a silicone release film. **COLPHENE STICK LAP** is used as reinforcing strip in waterproofing systems for foundations and below grade surfaces.

INSTALLATION

SELF-ADHESIVE

COLPHENE STICK LAP is installed on angles, inside and outside corners, construction joints and other details where a reinforcing strip is required.

Install **COLPHENE STICK LAP** onto the sanded surface of **COLPHENE** waterproofing membranes, previously primed with **SOPRASEAL STICK PRIMER**.

Peel off the silicone release film to adhere the **COLPHENE STICK LAP** membrane to the substrate.

Apply an even pressure using a membrane roller over the entire surface of the membrane to ensure a good adhesion.

Seal membrane end joints by heat-welding, with a propane torch or an electric hot-air welder.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	COLPHENE STICK LAP
Thickness	3.0 mm (120 mil)
Reinforcement	Composite
Dimensions	33 cm x 10 m (13 in x 33 ft)
Weight	3.5 kg/m ² (0.7 lb/ft ²)
Surface	Sanded
Underface	Silicone release film
Rolls per skid	90

(All values are nominal, variations $\pm 15\%$)



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NOTE : SOPREMA INC. may modify the composition and/or use of its products without prior notice.

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PROPERTIES

Properties	Standards	COLPHENE STICK LAP
Tensile strength, MD/XD	ASTM D5147	15 / 13.5 kN/m
Elongation at break, MD/XD	ASTM D5147	60 / 65 %
Tear strength, MD/XD	ASTM D5147	575 N / 500 N
Low temperature flexibility	ASTM D5147	Unaffected at -20 °C (-4 °F)
Puncture resistance	ASTM E154	1100 N (247 lbf)
Water vapour permeance	ASTM E96 (Method B)	< 2.1 ng / Pa•s•m ²
Water absorption	ASTM D570 @ 24 hours	< 0.5 %
Adhesion to poured concrete, 22 °C (72 °F)	ASTM D903 modified (Peeled at 50 mm/min)	4200 N/m (23.9 lbf/in)
Resistance to hydrostatic head	ASTM D5385	> 110 m (> 360 ft)
Lateral water migration	ASTM D5385 modified	> 110 m (> 360 ft)
Gas permeability (methane) - (cm ² / s @ 1 atm) - (cm ³ x cm / cm ² x s x Pa)	ASTM D1434	4.12 x 10 ⁻⁷ 4.06 x 10 ⁻¹²

(All values are subject to variation not exceeding 15%)

STORAGE AND HANDLING

Rolls must be stored upright. If the product is stored outdoors, it must be covered with an opaque protective cover after the removal of the delivery packaging.



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