



WATERPROOFING

APPLICATIONS

FOUNDATIONS

# COLPHENE SP LAP

TECHNICAL DATA SHEET 200616SCANE

(supersedes 160930SCANE)

## DESCRIPTION

COLPHENE SP LAP is a waterproofing membrane composed of SBS modified bitumen and a non-woven polyester reinforcement. The surface is sanded, while the underface is covered with a thermofusible plastic film. COLPHENE SP LAP is used as reinforcing strip in waterproofing systems for foundations and below grade surfaces.

## APPLICATION

### HEAT-WELDED

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

COLPHENE SP LAP is installed by heat-welding, using a propane torch, on COLPHENE waterproofing membranes. It can be applied either on sanded surfaces or on surfaces covered with a thermofusible plastic film.

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

## PACKAGING

Specifications	COLPHENE SP LAP
Thickness	3.5 mm (140 mil)
Reinforcement	Non-woven polyester
Dimensions	33 cm x 10 m (13 in x 33 ft)
Weight	4.3 kg/m <sup>2</sup> (0.9 lb/ft <sup>2</sup> )
Surface	Sanded
Underface	Thermofusible plastic film
Rolls per skid	90

(All values are nominal, variations ± 15 %)



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## PROPERTIES

Properties	Standards	COLPHENE SP LAP
Tensile strength, MD/XD	ASTM D5147	17 / 11.5 kN/m
Elongation at break, MD/XD	ASTM D5147	60 / 65 %
Tear strength, MD/XD	ASTM D5147	600 N / 400 N
Low temperature flexibility	ASTM D5147	Unaffected at -20 °C (-4 °F)
Puncture resistance	ASTM E154	1050 N (236 lbf)
Water vapour permeance	ASTM E96 (Method B)	< 2.5 ng/Pa·s·m <sup>2</sup> (< 0.04 perm)
Water absorption	ASTM D570 @ 24 hours	< 0.5 %
Adhesion to poured concrete, 22 °C (72 °F)	ASTM D903 modified (Peeled at 50 mm/min)	3400 N/m (19.4 lbf/in)
Resistance to hydrostatic head	ASTM D5385	> 110 m (> 360 ft)
Lateral water migration	ASTM D5385 modified	> 110 m (> 360 ft)

(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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