



WATERPROOFING

THERMOFUSIBLE

M I D D L E E A S T

# COLPHENE CSW BG LAP

SBS MODIFIED BITUMEN MEMBRANE PRE-CUT STRIPS

TECHNICAL DATA SHEET CCSWSPL\_190507SME1E001

## DESCRIPTION

COLPHENE CSW BG LAP is a waterproofing membrane strip composed of SBS modified bitumen and a non-woven polyester reinforcement. Both the surface and the underside are covered by a thermofusible plastic film. COLPHENE CSW BG LAP is used as reinforcing strip in detailing for waterproofing systems in foundations and below grade applications.

## USER APPLICATIONS

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

## INSTALLATION GUIDELINES

- COLPHENE CSW BG 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.

High Physical & Mechanical Properties

High Resistance to Tear & Puncture

High Resistance to Hydraulic Pressure

Wide Temperature Tolerance

Ideal for Un-bonded Compartment Waterproofing Applications

## SUSTAINABILITY, HEALTH & ENVIRONMENT

All our activities & growth target sustainable development to minimize the impact on the environment. COLPHENE CSW BG LAP does not contain any substances that might be detrimental to health or to the environment after complete curing and complies with generally accepted health standards. Please refer to the product's Safety Data Sheet for more information.

## QUALITY CONTROL

COLPHENE CSW BG LAP is manufactured in ISO-9001 certified SOPREMA factories which are audited by third-party organizations such as Underwriters Laboratories (UL) and FM Global. The system membranes are manufactured to meet SOPREMA's Quality Management Manual.

## STORAGE & HANDLING

For outdoor storage, protect the membrane with an opaque protective cover after removal of the delivery packaging.

■ SOPREMA may modify the composition and/or utilization of its products without prior notice.  
 ■ All products manufactured by SOPREMA for Manufacturing Waterproofing Materials LLC. comply with the description and properties indicated in the technical data sheet that was current on the date of manufacture.



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## PACKAGING & SUPPLY

PROPERTY	COLPHENE CSW BG LAP
Reinforcement	Non-woven polyester 180 g/m <sup>2</sup>
Thickness	4.0 mm
Roll dimensions	330 mm X 10 m
Roll weight	12.6 kg
Surface	Film
Underface	Thermofusible plastic film
Storage	Upright on pallet

## TECHNICAL PROPERTIES

PROPERTIES	Standards	COLPHENE CSW BG LAP
Tensile strength, MD/CMD*	EN 12311-1	≥ 800 / 650 N/5 cm
Elongation at max load, MD/CMD*	EN 12311-1	≥ 45 / 45 %
Cold temperature flexibility	EN 1109	Pass @ - 20 °C
Flow resistance at elevated temperature	EN 1110	100 °C
Dimensional stability	EN 1107-1	≤ 0.5 %
Resistance to static loading	EN 12730	L <sub>4</sub> (25 kg) ±5kg
Nail tear resistance, MD/CMD*	EN 12310-1	200 / 200
Water tightness test	EN 1928 : 2000	Pass
Resistance to impact	EN 12691	1500 mm
Shear resistance of joints	EN 12317-1	≥ 650 N/5 cm
Water absorption at 24 hr	ASTM D570	< 0.5 %
Resistance to hydrostatic pressure	ASTM D5385	> 7 bar

- (All values are nominal)
- All values are subject to UEAtc tolerance.
- This product does not contain asbestos or tar constituents.
- (\*) MD = Machine Direction CMD = Cross Machine Direction

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