



WATERPROOFING

APPLICATIONS

FOUNDATIONS

# COLPHENE TORCH'N STICK

TECHNICAL DATA SHEET 220824SCANE

(supersedes 200225SCANE)

## DESCRIPTION

COLPHENE TORCH'N STICK is a waterproofing membrane composed of a non-woven polyester reinforcement and SBS modified bitumen. The under and top surfaces are covered by a thermofusible plastic film and when it is heated, **SOPRABOARD** 1/8 inch thick protection board, **SOPRADRAIN 10-G** drainage board or **SOPRA-XPS** insulation board will adhere directly to **COLPHENE TORCH'N STICK**.

COLPHENE TORCH'N STICK is used as waterproofing membrane on foundation walls and other vertical below grade concrete surfaces.

## SURFACE PREPARATION

The use of **ELASTOCOL 350** or **ELASTOCOL 500** primer is required before the installation of **COLPHENE TORCH'N STICK** membrane. The substrate should be clean, sound, dry and free of loose materials, grease and any contaminants, which may compromise the performance of the product.

## RESTRICTION

Concrete must be cured a minimum of fourteen (14) days and an adhesion test is recommended before membrane application.

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

## PACKAGING

Specifications	COLPHENE TORCH'N STICK
Thickness	2.7 mm
Reinforcement	Non-woven polyester
Dimensions	12 x 1 m
Roll weight	34 kg

(All values are nominal)



SOPREMA.US • 1.800.356.3521

SOPREMA.CA • 1.877.MAMMOUTH

TDS\_COLPHENE\_TORCH'N\_STICK.indd



WATERPROOFING

APPLICATIONS

FOUNDATIONS

# COLPHENE TORCH'N STICK

TECHNICAL DATA SHEET 220824SCANE

(supersedes 200225SCANE)

## PROPERTIES

Properties	Standards	COLPHENE TORCH'N STICK
Tensile strength, MD/XD	ASTM D5147	25 / 16 kN/m
Ultimate elongation, MD/XD	ASTM D5147	60 / 65 %
Cold bending <i>Initial</i>	ASTM D5147	-30 °C
Plastic flow	ASTM D5147	70 °C
Dimensional stability, MD/XD	ASTM D5147 modified	0.2 / 0.2 %
Static puncture	ASTM D5602	470 N
Tear resistance	ASTM D751	80 N
Resistance to hydrostatic pressure	ASTM D5385	114 m
Radon resistance <sup>(1)</sup>	ISO DIS 11665-13	1.18 x 10 <sup>8</sup> 6.21 <sup>(2)</sup>

(All values are nominal)

(1) Materials with higher radon resistance are considered less permeable to radon and can therefore more effectively prevent or reduce radon transmission.

(2) Under the test conditions, the radon resistance of the COLPHENE TORCH'N STICK membrane was 29.21 times greater than the radon resistance of a standard 6 mil thick polyethylene membrane.

## STORAGE AND HANDLING

Rolls must be stored upright, with the selvage side on top. If the product is stored outdoors, cover them with an opaque protective cover after removal of the delivery packaging.



SOPREMA.US • 1.800.356.3521

SOPREMA.CA • 1.877.MAMMOUTH

TDS\_COLPHENE\_TORCHN\_STICK.indd

2