

## PRODUCT DATA SHEET

TECHNICAL DATA SHEET 262011ME001  
SUPERCEDES: TECHNICAL DATA SHEET 160220ME1E

### DESCRIPTION

COLPHENE® TORCH'N STICK HT is a high performance reinforced membrane especially designed for below grade waterproofing and tanking applications. COLPHENE® TORCH'N STICK HT is manufactured from high performance SBS modified enriched bitumen combined with a high strength non-woven polyester reinforcement. This combination provides thermal stability of the bitumen compound coupled with high puncture, tear and tensile strength that reflects on the long service-life of the membrane. The top surface of COLPHENE® TORCH'N STICK HT is covered by Synthetic film, while the underface is special thermofusible plastic film that allows instant and strong adhesion of protection boards or drainage panels with the minimum heating energy.

### STORAGE & HANDLING

Rolls must be stored in upright position, with selvedge side on top to prevent damage. Store rolls in a clean dry location and cover as necessary to protect from any environmental impact such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of COLPHENE® TORCH'N STICK HT.

### USER APPLICATION

COLPHENE® TORCH'N STICK HT is used in various applications for substructure waterproofing. All the application guidelines are described in SOPREMA's Technical Manuals in force.

#### INSTALLATION



HEAT WELDED

#### ACCESSORIES

**SOPRADERE HT - SOLVENT BASED PRIMER**

**AQUADERE HT - WATER BASED PRIMER**

**SOPRABOARD SF - PROTECTION BOARD**

**SOPRAMASTIC LM - BITUMINOUS MASTIC**

#### ADVANTAGES

- Strong adhesion to concrete and protective panels
- High physical & mechanical properties
- High resistance to tear and puncture
- High resistance to hydrostatic pressure
- Chlorine free

### HEALTH, SAFETY & ENVIRONMENT

The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

### TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

### QUALITY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality Management Systems in line with ISO 9001:2015.

## COMPOSITION & PACKAGING

PROPERTY	COLPHENE® TORCH'N STICK HT
Cold flexibility	-30 °C
Thickness	2.7 mm
Roll dimension	12 x 1 m
Roll weight	36 kg
Rolls per pallet	25
Underface	Thermofusible film
Surface	Synthetic film

## TECHNICAL PROPERTIES

PROPERTIES	STANDARDS	COLPHENE® TORCH'N STICK HT
Tensile strength, MD / CMD	ASTM D5147	25 / 16 kN / m
Ultimate elongation, MD / CMD	ASTM D5147	60 % / 65 %
Plastic flow	ASTM D5147	70 °C
Dimensional stability, MD / CMD	ASTM D5147 modified	0.2 / 0.2 %
Static puncture	ASTM D5602	470 N
Tear resistance (Tongue tear method), MD / CMD	ASTM D751	80 / 80 N
Resistance to hydrostatic pressure	ASTM D5385	114 m

*(All values are Nominal). All published properties are nominal and considered by SOPREMA to be true and accurate. These nominal values are subjected to variation not exceeding 15% based on statistical data obtained internally and verified by internationally accredited independent laboratories.*

## TESTING AND CERTIFICATIONS



## SUSTAINABILITY AND ENVIRONMENT

