

## PRODUCT DATA SHEET

### DESCRIPTION

COLPHENE® BSW BASE 4.0 is a series of flexible reinforced SBS-modified bitumen sheet membranes for use in approved multi-ply and flashing assemblies. It is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with a tough, dimensionally stable non-woven polyester mat. The topside and underside is surfaced with thermofusible film.

### 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® BSW BASE 4.0.

### USER APPLICATION

COLPHENE® BSW BASE 4.0 can be used in 2-ply substructure applications. All the application guidelines are described in SOPREMA® Technical Manuals in force.

#### INSTALLATION



HEAT WELDED

#### ADVANTAGES

- **Versatility:** Designed to fit perfectly to the different user applications
- **Reliability:** Proprietary blend offering high resistance to weathering
- **Durability:** Superior waterproofing protection after aging
- **Reflectivity:** Reduction of heat absorption by the system
- **Sustainability:** Contribution to LEED
- **Warranty:** Comprehensive warranty option programs
- **Recyclability:** Product composition can be recycled

### SHELF LIFE

Material will have a 12 months shelf life if stored in a dry and properly ventilated area, sheltered from the elements or any harmful substances. Material shall be adequately protected from environmental impacts to the properties or the performance of the membrane.

### 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® BSW BASE 4.0
Cold flexibility	-20 °C
Reinforcement	180 g / m <sup>2</sup>
Thickness	4.0 mm
Roll dimension	1 x 10 m
Roll weight	56 kg
Rolls per pallet	23 Rolls
Top face	Thermofusible film
Underface	Thermofusible film

## TECHNICAL PROPERTIES

PROPERTIES	STANDARDS	COLPHENE® BSW BASE 4.0
Softening point	ASTM D36	150 °C
Tensile strength, MD / CMD	EN 12311 - 1	750 / 550 N / 5cm
Elongation, MD / CMD	EN 12311 - 1	35 / 40 %
Flow resistance at elevated temperature	EN 1110	100 °C
Nail tear resistance, MD / CMD	EN 12310 - 1	160 / 180 N
Puncture resistance	ASTM E 154	800 N
Water absorption @ 24 Hrs	ASTM D570	≤ 0.5 %

*Note: All products manufactured by SOPREMA comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.  
Data is represented by average values, unless noted otherwise.  
All values are nominal, tolerance ± 20 %*

## TESTING AND CERTIFICATIONS



## SUSTAINABILITY AND ENVIRONMENT

