

PRODUCT DATA SHEET

TECHNICAL DATA SHEET 61092012ME001
SUPERSEDES: TECHNICAL DATA SHEET CWA-190507SMEI001

DESCRIPTION

COLPHENE® WA is an, elastomeric, liquid applied bitumen membrane blended with special ingredients. It is solvent based with special SBS rubber for high quality performance and durability. The elastomeric liquid applied membrane forms upon drying a tough elastic, flexible coating capable to withstand structural movements and moisture penetration. COLPHENE® WA requires recommended solvent based primer (Soprader HT) before applying to substrate.

STORAGE & HANDLING

Must be stored away from source of ignition. Wear necessary Personal Protective Equipment.

USER APPLICATION

COLPHENE® WA can be used in single ply or 2-ply, vertically and horizontally in substructure and superstructure applications. All the application guidelines are described in SOPREMA® Technical Manuals in force.

ADVANTAGES

- Forms a tough and elastic waterproof film upon drying
- High elasticity (Exceeds 1000% elongation)
- Excellent elastomeric protective coating
- Highly flexible
- Anti-corrosion properties
- Bridges minor cracks

SHELF LIFE

Material will have a 24 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® WA
Physical state	Liquid
Colour	Black
Packaging	20 L Pails

CONFORMITY	ASTM D 4479 TYPE I
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TECHNICAL PROPERTIES

PROPERTY	STANDARDS	COLPHENE® WA
Total solids	ASTM D2369	65 ± 5 %
Elongation	ASTM D638 - 95	> 1000 %
Recovery	ASTM D638 - 95	> 96 %
Density	ASTM D1475	0.966 ± 0.05 g / cc
Water Permeability (@ 5bar Pressure)	BS EN 12390	Pass
Drying time	In-House	6 hours
Firm set	In-House	24 hours
Viscosity	Brookfield	2000 to 2500 Cps
Tensile strength	ASTM D638 - 95	> 12 N/cm²
Adhesion to primed concrete	BS 1881 Part 207	> 0.5 N/mm²
Coverage	In-House	0.5 - 1.1 kg/m²
Puncture resistance	ASTM D 4833	50 N
Deflection	ASTM D 4833	180 mm

*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.*

TESTING AND CERTIFICATIONS



SUSTAINABILITY AND ENVIRONMENT

