

PRODUCT DATA SHEET

TECHNICAL DATA SHEET 14042102ME001

DESCRIPTION

COLPHENE® LM BARR is a single component, liquid applied, 98% solids content, STPE moisture curing elastomeric waterproofing membrane. COLPHENE® LM BARR's technology forms a continuous, tough elastic seal to the substrate that withstands extreme cold and high temperatures without cracking or softening. COLPHENE® LM BARR is ideal as a positive waterproofing product for sealing foundations or for waterproofing between slabs, in mechanical equipment wells, and for other underground applications. COLPHENE LM® BARR can also be used for above grade applications, such as waterproofing of plaza-decks or planter boxes.

STORAGE & HANDLING

Must be stored in a dry and well ventilated storage space. Wear necessary Personal Protective Equipment.

USER APPLICATION

COLPHENE® LM BARR 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

- Compatible with bituminous materials
- Single component
- Solvent free
- Installs on green concrete



SHELF LIFE

Material will have a 6 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® LM BARR
Physical state	Liquid
Colour	Black
Solids by weight	98 %
Packaging	19 L Pails
Qty. / pallet	36

TECHNICAL PROPERTIES

PROPERTY	STANDARDS	COLPHENE® LM BARR
Viscosity, @ 23 °C	ASTM D2983	275 000 cP
Density, @ 25 °C	ASTM D1475	1.31 g/mL (10.9 lbs/gal)
Tack free time	-	60 min.
Hardness (Shore A)	ASTM C836 (ASTM D2240)	57
Weight loss	ASTM C836 (ASTM C1250)	Pass
Water vapour transmission	ASTM E96 (Method B)	5.7 ng/Pa•s•m ² (0.1 perm)
Film thickness	ASTM C836 (ASTM C1375)	Pass
Adhesion-in-peel	ASTM C836 (ASTM C794)	Pass
Adhesion-in-peel (after water immersion)	ASTM C836 (ASTM C794)	Pass
Low temperature crack bridging	ASTM C836 (ASTM C1305)	Pass
Extensibility after heat aging	ASTM C836 (ASTM C1522)	Pass

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

