

COLPHENE®

LM BARR SPRAY

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PRODUCT # W7527 (5 GAL)
W7528 (50 GAL)

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

COLPHENE LM BARR Spray is a single component, 95% solids content, liquid applied, moisture curing elastomeric waterproofing membrane. COLPHENE LM BARR Spray's STPE moisture cure technology forms a continuous, tough elastic seal to the substrate that withstands extreme cold and high temperatures without cracking or softening. COLPHENE LM BARR Spray is ideal as a positive-side waterproofing for sealing foundations. It can also be used in between slab waterproofing, equipment wells, and other underground construction.

STORAGE & HANDLING

Product must be stored in original, unopened containers in a cool, dry environment. Protect unopened containers from water, heat and direct sunlight. High temperature and high relative humidity may significantly reduce shelf life. COLPHENE LM BARR Spray has a shelf life of six months from date of manufacture when stored at 70°F (21°C) with 50% relative humidity.

APPLICATION

COLPHENE LM BARR Spray should be used in temperatures above 35°F (2°C.) Maintain COLPHENE LM BARR Spray materials above room temperature before applying. Remove all dirt, oil, loose paint, water, frost and other contamination that can interfere with bonding. Form release residue and lime should be power washed and allowed to dry. COLPHENE LM BARR Spray may be applied to green concrete without outgassing. Although concrete cure times may vary with temperature, for optimum bonding, concrete cure time should be three to seven days. Application surfaces must be dry the touch and free of obvious moisture. Please refer to SOPREMA specifications and installation instructions for additional application guidelines prior to use.

APPLICATION



SPRAY APPLIED

QUICK FACTS

COLOR	SOLIDS	UNITS/ PALLET		VOLUME (GAL)	
Black	95%	36 (5 gal)	4 (55 gal)	5 (19 L)	50 (189 L)



SOPREMA®

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TECHNICAL INFORMATION & TESTING

PHYSICAL PROPERTIES		
PROPERTY		TEST METHOD
Grade	Spray grade	-
Viscosity, cP @ 73°F (23°C)	35,000	ASTM D2983
Density, lbs/gal (g/mL)	11.3 (1.35)	ASTM D1475
Tack free time, min	60	-
Shore A hardness	70	ASTM C836 (ASTM D2240)
Weight loss	Pass	ASTM C836 (ASTM C1250)
Water vapor transmission, perm (ng/s·m ² ·Pa)	0.085 (4.9)	ASTM E96 (Method B)
Film thickness (vertical)	Pass	ASTM C836 (ASTM C1375)
Adhesion-in-peel	Pass	ASTM C836 (ASTM C794)
Adhesion-in-peel (after water immersion)	Pass	ASTM C836 (ASTM C794)
Low temp crack bridging	Pass	ASTM C836 (ASTM C1305)
Extensibility after heat aging	Pass	ASTM C836 (ASTM C1522)
Service temperature, °F (°C)	-40 to 200 (-40 to 93)	-
Tensile Strength, lb/in ² (kN/m ²) Elongation, %	94 (648) 378	ASTM D412, Die C