

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

COLPHENE LM BARR is a single component, 98% solids content, liquid applied, moisture curing elastomeric waterproofing membrane. COLPHENE LM BARR'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 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. In above grade applications, use COLPHENE LM BARR to waterproof planter boxes, sealing parapets, plaza decks and green roof systems.

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.

APPLICATION

COLPHENE LM BARR should be used in temperatures above 35° F (2°C.) Maintain COLPHENE LM BARR 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 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. See SOPREMA's installation guides for more information on applying COLPHENE LM BARR.

APPLICATION



BRUSH



ROLLER



SQUEEGE

QUICK FACTS

COLOR	SOLIDS	PAISLS/ PALLET	VOLUME (GAL)
Black	98%	36	5 (19 L)

TECHNICAL INFORMATION & TESTING

PHYSICAL PROPERTIES		
PROPERTY		TEST METHOD
Grade	Brush, roller or squeegee grade	-
Viscosity, cP @ 73°F (23°C)	275,000	ASTM D2983
Density, lbs/gal (g/mL)	10.9 (1.31)	ASTM D1475
Tack free time, min	60	-
Shore A hardness	57	ASTM C836 (ASTM D2240)
Weight loss	Pass	ASTM C836 (ASTM C1250)
Water vapor transmission, perm (ng/s·m²·Pa)	0.1 (5.7)	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/in² (kN/m²) Elongation, %	94 (648) 378	ASTM D412, Die C
Shelf Life, months	12	-
Surface Burning	Flame Spread Index - 25 Smoke Development Index - 0	UL 753 Meets Class A

TESTING & APPROVALS


FLORIDA BUILDING CODE

FL28136