



COLPHENE 60

SELF-ADHESIVE WATERPROOFING MEMBRANE

Order No. *

* Boxed Summer Grade listed, contact Customer Service for unboxed Summer Grade and boxed or unboxed Winter Grade.

DESCRIPTION

COLPHENE 60 is a self-adhesive waterproofing membrane composed of SBS modified bitumen and a non-woven polyester facer. A silicone release film protects the self-adhesive underside.

COLPHENE 60 is available in "summer grade" for applications at temperatures above fifty degrees (50° F) Fahrenheit (10° C) and "winter grade" for applications at temperatures between twenty-five degrees (25°F) Fahrenheit (-3.9°C) and fifty degrees (50° F) Fahrenheit (10° C).

BASIC USE & APPLICATION

Refer to COLPHENE 60 Guide Specification & Approved Details for specific application information.

COLPHENE 60 is specially designed for vertical and horizontal waterproofing of foundation walls, tunnels, plaza decks, parking decks and split slab construction.

Starting at the low point, install COLPHENE 60 to the primed substrate by peeling back the release film on the underside. Subsequent rolls shall be installed in the same manner and should be aligned with the preceding roll to maintain continuity. Use an approved roller and apply hand pressure over the entire surface to ensure solid adhesion to the substrate. The uppermost edge of the membrane shall be mechanically fastened to the substrate using approved fasteners and termination bars (vertical application only). All small protrusions (steel work, etc.) through the waterproofing membrane must be sealed with Colphene LM or Alsan Flashing. Contact SOPREMA Technical Department for specific application guidelines.

FEATURES & BENEFITS

- Tremendous resistance to hydrostatic pressure
- Excellent adhesion to most substrates
- 100% UV resistant
- Fully adhered, watertight laps
- Superior tensile strength, puncture resistance and dimensional stability
- Cold applied, no flames or kettles
- Easy to install

LIMITATIONS

- COLPHENE 60 should not be stored exposed to the elements. Rolls are stored upright on pallets.
- DO NOT install during inclement weather



COMPOSITION & PACKAGING

PRODUCT/PROPERTY	COLPHENE60
Reinforcement	none
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	non-woven polyester
Underside	self-adhesive with silicone release paper
Approximate Nominal Thickness	60 mils (1.5 mm)
Approximate Roll Coverage	200 ft ² (19 m ²)
Side Lap	3" (76 mm)
End Lap	6" (152 mm)
Roll Length	67 ft (20 m)
Roll Width	36" (0.9 m)
Approximate Roll Weight	55 lbs (24.9 kg)
Rolls per Pallet*	25 boxed

* Rolls stocked upright on pallets

PHYSICAL PROPERTIES

PROPERTIES	TEST METHOD	TYPICAL VALUE
Tensile strength, membrane	ASTM D5147	70 lbs/in
Elongation	ASTM D5147	58%
Low temperature flexibility	ASTM D1970	Unaffected at -26°F
Puncture resistance, membrane	ASTM E154	168 lbs
Peel resistance	ASTM D903	18 lbs/ft
Crack cycling at -32 °C, 100 cycles	ASTM C836	Unaffected
Lap peel adhesion	ASTM D1876	11.4 lbf/in
Water vapor permeance	ASTM E96	0.0086 perms

(All values are nominal. Test results from SOPREMA manufacturing plant.)

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.