

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

COLPHENE H-EV (environmentally friendly) is a hot applied, rubberized asphalt waterproofing membrane for use in approved waterproofing assemblies. COLPHENE H-EV is composed of a blend of refined asphalts, recycled rubber and inert extenders. COLPHENE H-EV is designed for plazas and decks, planters, tunnels, bridges, foundation walls and parking garage applications.

### STORAGE

Store on end and maintain in an upright position to prevent damage. Store product in a well-ventilated location away from all sources of heat and ignition, and cover as necessary to protect from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of COLPHENE H-EV.

### APPLICATION

COLPHENE H-EV is applied to approved, compatible substrates using a notched squeegee. COLPHENE H-EV temperatures should not exceed 415°F (212.7°C) and should not be melted in direct fired, single-wall kettles. Refer to SOPREMA's specifications and installation instructions for additional application guidelines.

APPLICATION



NOTCHED SQUEEGE

QUICK FACTS

WEIGHT  
(lb)

43  
(19.5 kg)

TECHNICAL INFORMATION & TESTING

PHYSICAL PROPERTIES		
PROPERTY	VALUE	TEST METHOD
Recommended application temperature, °F (°C)	380 - 400°F (193 - 204°C)	CGSB 37.50-M89
Flow, mm @ 40°F (60°C) (maximum)	≤3 mm	CGSB 37.50-M89
Solids content, %	100	ASTM D1353
Cone penetration, 77°F (25°C) (maximum)	110	CGSB 37.50-M89
Cone penetration, 122°F (50°C) (maximum)	200	CGSB 37.50-M89
Toughness, joule	5.5	CGSB 37.50-M89
Toughness ratio (minutes)	0.04	CGSB 37.50-M89
Adhesion (minutes)	1	CGSB 37.50-M89
Water vapor permeance, perms (ng/Pa•m <sup>2</sup> •s)	0.027 perm	ASTM E96
Water absorption, g	0.35 max gain or 0.18 max loss	CGSB 37.50-M89
Low temperature flexibility, -13°F (-25°C)	Pass	CGSB 37.50-M89
Crack bridging, -13°F (-25°C), 10 cycles	Pass	CGSB 37.50-M89
Heat stability, 5 hours	Pass	CGSB 37.50-M89
Viscosity at application temperature, seconds	2 - 15	CGSB 37.50-M89
Flash point, C.O.C., °F (°C)	500 (260) min. or 45 (25) min. above recommended application temperature	ASTM D92

\* Data is represented by average values, unless noted otherwise.

TESTING & APPROVALS



FLORIDA BUILDING CODE

