

COLPHENE 1500

TECHNICAL DATA SHEET APTDS-E-90-01

DESCRIPTION

COLPHENE 1500 is a self-adhesive base sheet membrane composed of SBS modified bitumen. The surface is composed of a tri-laminated woven polyethylene, the underside is covered with a release protection film.

INSTALLATION

SELF-ADHESIVE

COLPHENE 1500 must be adhered to support by peeling off the release protection film. Once installed, a pressure must be applied over the whole primed surface, using a membrane roller, to ensure good contact.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	COLPHENE 1500
Thickness	1.5 mm (59 mil)
Reinforcement	N/A
Dimensions	1 m x 20 m (3.3 ft x 66 ft)
Weight	1.5 kg/m ² (0.3 lb/ft ²)
Selvedge width	100 mm (4 in)
Surface	Tri-laminated woven polyethylene
Underface	Self-adhesive, covered with a release protection film
Rolls per skid	25 in box / 30 without box

PROPERTIES

Properties	MD	XD
Strain energy	16 kN/m	18 kN/m
Breaking strength	11.3 kN/m	15.4 kN/m
Ultimate elongation	40 %	25 %
Tear resistance	400 N	
Static puncture resistance	375 N	
Plastic flow	90 °C	
Cold bending at -30 °C (-22 °F)	No cracking	
Lap joint strength	Pass > 4 kN/m	

(COLPHENE 1500 is covered by CCMC 13288-L).

(All values are nominal)

STORAGE & HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outside, cover them with an opaque protection cover after the packaging provided for delivery has been removed.