

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

COLPHENE ICF is a self-adhered, SBS-modified bitumen membrane for use in approved waterproofing assemblies. COLPHENE ICF is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen blend. The topside is surfaced with a woven polyethylene facer and the underside is surfaced with a silicone release film that is removed during application.

STORAGE

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of COLPHENE ICF.

APPLICATION

Prior to installation, the substrate should be clean, sound, free of excess water and loose materials, grease and any contaminants which may compromise the performance of the product. Place COLPHENE ICF in desired position. Remove the release film from the underside of the sheet and adhere COLPHENE ICF to the substrate, making sure the membrane is well aligned. Refer to SOPREMA's specifications and installation instructions for additional application guidelines.



QUICK FACTS

LENGTH (ft)	WIDTH (in)	COVERAGE* (ft ²)	THICKNESS (mils)	WEIGHT (lb)	ROLLS/ PALLET
75 (22.9 m)	36 (0.9 m)	225 (20.9 m ²)	40 (1.0 mm)	43 (19.5 kg)	25 units

* Coverage rate as reported assumes installation using side and end lap recommendations.

TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Tri-laminate woven polyethylene
Back surfacing	Self-adhesive with release paper
Selvage surface	Tri-laminate woven polyethylene
Selvage width, in (mm)	3 (7.6)
End lap, in (mm)	6 (15.2)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	40 (1.0)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Tensile strength, lbf•in (N)	64 (0.007)	88 (0.01)	ASTM D5147
Ultimate elongation, %	52	24	ASTM D5147
Tear resistance, lbf•in (N)	84 (0.009)	90 (0.1)	ASTM D5601
Static puncture resistance, lbf•in (N)	90 (0.01)		ASTM D5602
Low temperature flexibility, °F (°C)	-7 (-22)		ASTM D5147
Peel resistance, lbf•in (N)	17.5 (0.0023)		ASTM D903
Lap peel adhesion, lbf•in (N)	11.4 (0.0013)		ASTM D1876
Water vapor permeance, perms	0.016		ASTM E96 Procedure B
Water absorption, %	< 0.1		ASTM D5147
Exposure time, days	30		-

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