

COLPHENE® ICF

Waterproof Membrane for Insulated Concrete Forms

PRODUCT DATA SHEET PD10055 REV.022921



APPLICATIONS

WATERPROOFING

DESCRIPTION:

COLPHENE ICF is a 40 mil 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 HDPE composite facer for exceptional puncture resistance and tensile strength. The underside is surfaced with a silicone release film that is removed during application.

BASIC USES:

COLPHENE ICF is designed for foundation walls that are poured into insulating concrete forms.

PACKAGING:

36" x 75'

COVERAGE RATE:

The coverage rate with 3" side overlaps is 206 square feet per roll.

COLOR:

White polyethylene facer with black self-adhesive underside.

LIMITATION:

- Do not apply to contaminated, wet, or damp surfaces.
- Primer may be needed
- Material is not designed for horizontal waterproofing applications.

APPLICATION:

Refer to the **COLPHENE ICF** application guidelines for complete details.

WARRANTY:

Please refer to www.SOPREMA.us for the SOPREMA Standard Warranty, Form 115, or contact SOPREMA at 800.356.3521 for more information.

CLEAN UP:

Any adhesive material that is not on the polystyrene forms can be removed mechanically or with hydrocarbon solvents such as xylene or mineral spirits. Always test small areas before full use.



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PROPERTY	MD	XMD	TEST METHOD
Tensile strength, lbf/in (kN/m)	73.7 (12.9)	72.5 (12.7)	ASTM D5147
Elongation at Break, %	14	10	ASTM D5147
Tear resistance, lb (N)	84 (0.009)	90 (0.1)	ASTM D5601
Static puncture resistance, lb (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 (ng/Pa·s·m ²)	0.029 (1.65)		ASTM E96 Procedure B
Water absorption, %	< 0.1		ASTM D5147
Exposure time, days	30		-

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