

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.