

FOR WATERPROOFING ICF FOUNDATIONS



COLPHENE ICF is a high quality self-adhesive waterproofing membrane composed of SBS modified bitumen and a tri-laminate woven polyethylene. The membrane is ideal for application on ICF formwork systems or extruded polystyrene substrates.



SURFACE PREPARATION

Clean, dry surfaces generally do not require priming. However, if specific conditions call for the use of primer, SOPREMA strongly recommends a water-based primer such as ELASTOCOL STICK H₂O.

COLPHENE ICF

Thickness ■ 1 mm (40 mils)

Dimension ■ 0.91 m x 22.9 m (36 in x 75 ft)

Made from the most reliable self-adhesive SBS modified bitumen in the industry.

A silicone release sheet protects the self-adhesive side.

ADVANTAGES

- CONSISTENT THICKNESS
- SUPERIOR FLEXIBILITY
- HIGH TENSILE STRENGTH
- HIGH PUNCTURE RESISTANCE
- PRE-CUT ROLLS AVAILABLE

SOPRAGRIP F is a self-adhesive membrane composed of SBS modified bitumen and a non-woven polyester exposed reinforcement. It is used as a cover strip over COLPHENE ICF membranes top termination. The membrane is also used as reinforcement over gypsum or concrete boards.

INSTALLATION INSTRUCTIONS

1



INSTALL

the footing membrane first, making sure that the inside corner is completely adhered.

2



PEEL BACK

the top part of the silicone release film.

3



ADHERE

the top edge of the COLPHENE ICF membrane, making sure the membrane is well aligned.

4



GRADUALLY PEEL BACK

the remaining silicone release film, making sure the membrane is completely adhered.

5



THE USE OF A ROLLER

is strongly recommended to remove air pockets.

6



MEMBRANE'S TOP TERMINATION

must be sealed with SOPRAGRIP F or a mastic/sealant such as SOPRASEAL LM 200T. The use of a termination bar mechanically fastened to ICF is recommended at membrane's top termination.

Backfill: In areas where pit-run sand is not available, a protective board is recommended to ensure the integrity of the waterproofing membrane.

If you have any questions about this product or its installation, please contact your SOPREMA representative.



SOPREMA contributes to environmental protection and sustainable construction by manufacturing high quality products that meet the highest environmental standards. The Ginkgo Biloba leaf is the symbol selected by Soprema to represent its ecological commitment.

