

Formerly known as IFLEX from RESISTO

SOPRA-FOIL IFLEX



TECHNICAL DATA SHEET **250331SCANE**

(supersedes -)

DESCRIPTION

SOPRA-FOIL IFLEX is a reflective vapour barrier made of a metallized polyethylene surface and a black polyethylene underside.

INSTALLATION

- SOPRA-FOIL IFLEX reflective vapour barrier is fastened to the structure using staples or nails.
- The use of spacer strips or furring strips is highly recommended. They create an air gap between the reflective surface and the material covering it, enabling reflectivity and maximum insulating value. The recommended air gap is between 1.25 cm and 5 cm (0.5 in and 2 in).
- To minimize air infiltration and moisture transfers, ensure that the product is not perforated and that the insulation system is well sealed. Seal all openings and joints between insulations with tape or a suitable sealant.

Service temperature : -45 to 82 °C (-50 to 180 °F)

RESTRICTIONS

- SOPRA-FOIL reflective vapour barrier must not be installed in conjunction with any other vapour barrier. If a vapour barrier is already installed, it must be removed or ripped to prevent condensation.
- Always install SOPRA-FOIL IFLEX on the warmer side of the assembly.

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

GENERAL INFORMATION

Specifications	SOPRA-FOIL IFLEX
Thickness	0.076 mm (3 mils)
Dimensions	1.32 m (52 in) x 31.6 m (104 ft)
Surface	Metallized polyethylene
Underface	Black polyethylene



SOPREMA.CA 1 877 MAMMOUTH

NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.
This technical data sheet applies to products sold on the Canadian market only.

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PROPERTIES

Properties	Standards	SOPRA-FOIL IFLEX	
		MD	XD
Ultimate elongation	ASTM D882	800%	900%
Tensile strength	ASTM D882	28 MPa	24 MPa
Emittance	ASTM C1371	0.05	
Water vapour permeance	ASTM E96 (Procedure A)	Conforms type 1	
Water vapour permeance, <i>as received after aging</i>	CGSB 51.33-M89	2.04 ng/Pa•s•m ² (0.036 perm) 7.07 ng/Pa•s•m ² (0.124 perm)	
Pliability, <i>at -10 °C (14 °F)</i>	CAN/CGSB-51.33 M89	No cracking	

(All values are nominal)

STORAGE AND HANDLING

Rolls must be stored upright in a dry, heated area to limit the risk of condensation.



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