

## COLGRIP B Insulation

**Description:** **COLGRIP B** is a closed-cell polyisocyanurate foam insulation board laminated on both sides to a glass fiber reinforced felt facer. **COLGRIP B** is intended to be mechanically fastened, adhered with hot bitumen or with **COLTACK** or **DUOTACK** adhesives.

**Properties:** **COLGRIP B** meets the physical property requirements of ASTM C 1289, Type II, Class 1, Grade 2 and CAN/ULC S704, Type 2, Class 2.

Propriétés	Normes	COLGRIP B
Thickness (mm) *	-	24.40 (1.00 in) 38.10 (1.50 in) 50.80 (2.00 in)
Dimensions	-	1220 mm x 1220 mm (4 ft x 4 ft) 1220 mm x 2440 mm (4 ft x 8 ft)
Thermal Resistance (LTTR) (RSI Value /25.4 mm @ 24 °C) 25.40 mm (1.00 po) 38.10 mm (1.50 po) 50.80 mm (2.00 po)	ASTM C 518	1.06 (R – 6.00/in @ 75 °F) 1.58 (R – 9.00/in @ 75 °F) 2.13 (R – 12.10/in @ 75 °F)
Metal Deck Maximum Flute Spanability (mm) ≥ 25.40 mm (1.0 po) < 35.56 mm (1.4 po) > 38.10 mm (1.5 po) ≤ 101.60 mm (4.0 po)		66.70 (2 5/8 in) 111.10 (4 3/8 in)
Compressive Strength (kPa)	ASTM D 1621	138 (20 psi) 172 (25 psi)
Density (kg/m <sup>3</sup> )	ASTM D 1622	32.04 (2.0 lb/ft <sup>3</sup> )
Dimensional Stability Linear (%)	ASTM D 2126	< 2.0 %
Water Absorption (%)	ASTM C 209, ASTM D 2842	< 1.0 < 3.5
Flame Spread **	ASTM E 84	40-60
Tensile Strength (kPa)	ASTM D 1623	35 (> 730 lb/ft <sup>2</sup> )
Service Temperature (°C)	-	-73 à 122 (-40 °F à 200 °F)

(All values are nominal)

\* Other thicknesses from 1 to 4 inches available upon special request. Also available in tapered insulation.

\*\* The numerical ratings as determined by ASTM Test Method E 84 are not intended to reflect hazards presented by this or any other material under actual fire conditions.

### Storage:

**SOPREMA** applied packaging is intended only for protection during transit. When stored outdoors or on the job site, the insulation should be stacked on pallets at least three inches above ground level and completely covered with a waterproof covering such as a tarpaulin. The temporary **SOPREMA** applied packaging should be slit or removed to prevent accumulation of condensation.

### Uses:

**COLGRIP B** can be used as a base layer under **COLGRIP A** when 2 layers of polyisocyanurate are required for **SOPREMA**'s **COLVENT** systems or for any other roofing application requiring polyisocyanurate insulation. **COLGRIP B** can be mechanically fastened or bonded with hot bitumen or with adhesives **COLTACK** and **DUOTACK**.

### Limitations:

The panels of 1220 mm x 2440 mm (4 ft x 8 ft) should not be used with hot bitumen or adhesive.  
**DO NOT USE COLGRIP B AS DIRECT SUBSTRATE FOR COLVENT.**

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**NOTE: SOPREMA INC.** may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.