



INSULATION

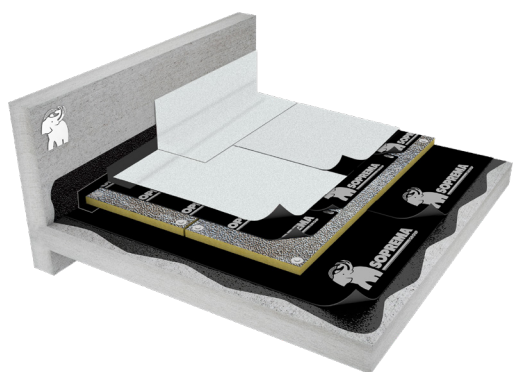
# SOPRA-ISO

## THERMAL INSULATION

ROOFS

### HIGH PERFORMANCE POLYISOCYANURATE FOAM

Compliance with AS/ANZ 4859.1



SOPRA-ISO is a high performance thermal insulation board, composed of closed-cell polyisocyanurate (PIR) foam laminated on both sides, with a textured aluminium facer providing great fire resistance.

SOPRA-ISO has amongst the highest thermal values of the rigid board insulation products, giving buildings continued thermal efficiency throughout their life span.

SOPRA-ISO is mainly used as thermal insulation for SOPREMA bitumen, PVC and TPO roofing systems. It has a light weight closed cell foam core which makes it easy to handle and allows fast fixing to any application.

- Superior thermal values
- Superior compressive strength
- Great dimensional stability
- Great fire resistance

### CERTIFICATIONS

SOPRA-ISO insulation boards are awarded a Global GreenTag GreenRate Level A plus a Global GreenTag Product Health Declaration with a Platinum HEALTH HealthRATE.

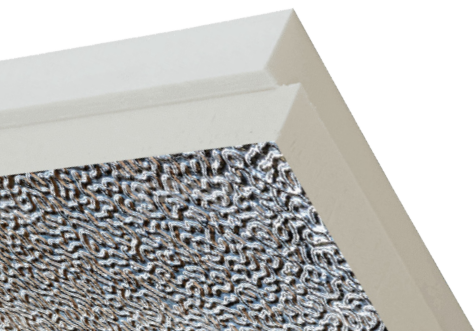
In addition, they are certified with a Declare label as Red List Free, as they do not contain any Red List chemicals.



### APPLICATION

SOPRA-ISO boards are mechanically fastened with screws and stress plates.

The waterproofing membrane system can be loose-aid under ballast, mechanically fastened, or self-adhered.



### THERMAL PERFORMANCE

THICKNESS	R VALUE	THERMAL CONDUCTIVITY
50mm	R <sub>d</sub> 2.35 m <sup>2</sup> K/W	0.021 W/m·K
60mm	R <sub>d</sub> 2.85 m <sup>2</sup> K/W	0.021 W/m·K
70mm	R <sub>d</sub> 3.30 m <sup>2</sup> K/W	0.021 W/m·K
80mm	R <sub>d</sub> 4.00 m <sup>2</sup> K/W	0.020 W/m·K
90mm	R <sub>d</sub> 4.50 m <sup>2</sup> K/W	0.020 W/m·K
100mm	R <sub>d</sub> 4.85 m <sup>2</sup> K/W	0.020 W/m·K



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