

SOPRA ISO PLUS



INSULATION
PRODUCT

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-SOPRA-ISO-PLUS

DESCRIPTION

SOPRA ISO PLUS is a high-performance thermal insulation board, composed of closed-cell polyisocyanurate (PIR) foam laminated on both sides, with a coated glass tissue. SOPRA ISO PLUS has amongst the highest thermal values of the rigid board insulation products, giving buildings continued thermal efficiency throughout their life span. SOPRA ISO PLUS 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 application on new build and refurbishment projects.

APPLICATION

SOPRA-ISO boards are mechanically fastened with screws and stress plates or adhered with SOPREMA PU adhesive. The waterproofing membrane system on top can be loose-laid under ballast, self-adhered, mechanically fastened or fully adhered with SOPREMA adhesive.

METHOD OF APPLICATION

- Measure and cut to size
- Install and secure insulation boards
- Seal gaps and penetrations
- Check for insulation continuity
- Cover immediately

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

PACKAGING

According to quantity, the boards are supplied in packs, labeled and shrink-wrapped.

PROPERTIES

PROPERTIES	Value
Thermal Conductivity AS/NZS 4859.1:2018	0.030 W/m.K @ 23°C Insulant Thickness <80mm
	0.029 W/m.K @ 23°C Insulant Thickness 80mm to 100mm
Product Dimensions	2400mm x 1200mm (2.88 m2) Other sizes are available on request.
Compression Resistance	25, 30, 40, 45, 50, 60, 70, 75, 80, 90, 100mm Other thickness options available on request
Manufacturing site	Australia



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PRODUCT R-VALUE

Nominal Product Thickness	Declared Product R-value at 23°C
25mm	R 0.83
30mm	R 1.00
40mm	R1.30
45mm	R1.50
50mm	R1.65
60mm	R2.00
70mm	R2.30
75mm	R2.50
80mm	R2.80
90mm	R3.20
100mm	R3.55

STORAGE AND HANDLING

Do not throw, use shockproof transport. Must be stored in a dry condition and protected from direct weathering.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative or the contractor is responsible for checking the suitability of products for their intended use.



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NOTE : All products sold by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.