



## ISO<sup>2</sup> PANEL

### GROUP 2 RIGID THERMAL INSULATION PANEL



### **PIRMAX ISO<sup>2</sup> PANEL- with Silver Foil Facing**

is an Australian made modified Polyisocyanurate (PIR) rigid thermal panel that can be used in many applications. A light weight closed cell PIR consisting of a foam inner core, thermoset between two layers of embossed aluminum foil facings. Designed to achieve excellent thermal performance where minimal cavity is available.



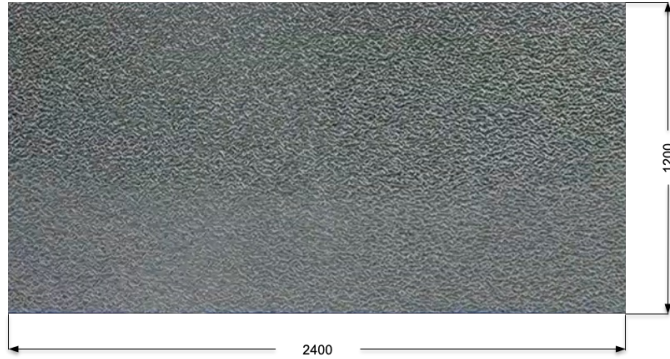
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### APPLICATION

**PIRMAX ISO<sup>2</sup> PANEL** is designed to be used in exposed wall or ceiling/soffit applications typically in commercial or multi-residential use, it can also be used in residential applications.

The **PIRMAX ISO<sup>2</sup>** is designed to be mechanically fixed into concrete or masonry substrates in accordance with the installation instructions.



### ISO<sup>2</sup> RANGE

NOMINAL THICKNESS (mm)	DECLARED R-VALUE (m <sup>2</sup> K/W)	NOMINAL LENGTH (mm)	NOMINAL WIDTH (mm)
25	R <sub>d</sub> 1.05	2400	1200
30	R <sub>d</sub> 1.30	2400	1200
40	R <sub>d</sub> 1.90	2400	1200
50	R <sub>d</sub> 2.35	2400	1200
60	R <sub>d</sub> 2.85	2400	1200
70	R <sub>d</sub> 3.30	2400	1200
75	R <sub>d</sub> 3.55	2400	1200
80	R <sub>d</sub> 4.00	2400	1200
90	R <sub>d</sub> 4.50	2400	1200
95	R <sub>d</sub> 4.75	2400	1200

### SUMMARY OF TESTING RESULTS

Test Standard	Test Type	Reported Value
AS/NZS 4859.1:2018	Thermal	Refer to range table
AS/NZS 4859.1:2018 (Appx E)	Surface Corrosion and Delamination	Pass
ASTM E 408-71	Emittance	0.05
AS/NZS 4200.1:2017	Emittance	IR Reflective
AS 2122.1-1993	Flame Propagation- Vertical Surface Ignition	Upon request
AS/NZS 1530.3:1993	Ignitability Index Spread of Flame Index Heat Evolved Index Smoke Development Index	0 0 0 0-1
AS 5637.1:2015	Group Number SMOGR <sub>ARC</sub>	2 ≤ 100 m <sup>2</sup> /s <sup>2</sup> x 1000
California Specification 01350	Volatile Organic Compounds (VOC) Maximum Service Temperature	<0.01 mg/m <sup>3</sup> 200 °C



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**PRODUCT ACCREDITATIONS**



For more information on Global Greentag use the QR code to go to the Global Greentag PIRMAX page link

**Declare.**

**Pirmax ISO<sup>2</sup> with Silver Foil Facing**  
PIRmax Pty Ltd

**Final Assembly:** Braeside, VIC, Australia  
**Life Expectancy:** 50 Year(s)  
**End of Life Options:** Recyclable (3%), Landfill (97%)

**Ingredients:**  
Pirmax PIR ISO<sup>2</sup>: Polymethylene polyphenyl isocyanate; Aluminum; 4,4'-Methylenediphenyl diisocyanate; 1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol and α-hydro-α-hydroxypoly( oxy-1,2-ethanediyl); polyether polyol; Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]-; Cyclopentane; Diethylene Glycol; Phosphoric acid, triethyl ester; Hexanoic acid, 2-ethyl-, potassium salt; Pentane; Water; 1,3,5-Triazine-1,3,5(2H,4H,6H)-tripropanamine, N,N,N',N',N'',N''-hexamethyl-, 2-Ethylhexanoic acid; 1,2-Ethanediamine, N-[2-(dimethylamino)ethyl]-N,N',N'-trimethyl-, Lactic acid; Polyacrylic acid; 2-Butoxyethanol; 2-Propenoic acid, homopolymer, sodium salt; Ethylene glycol monomethyl ether; Isopropyl alcohol; Silica; Vitreous

**Living Building Challenge Criteria:** Compliant

**I-13 Red List:**  
 LBC Red List Free      % Disclosed: 100% at 100ppm  
 LBC Red List Approved      VOC Content: Not Applicable  
 Declared

**I-10 Interior Performance:** CDPH Standard Method v1.2-2017  
**I-14 Responsible Sourcing:** Not Applicable

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