PIR|||max™
PIR PANELS

PIRMAX ISO² 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.

AUSTRALIAN MADE
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Red List Free

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CODEMARK® Australia
CERTIFICATE CM20328

V8 01/12/23 P1

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APPLICATION

PIRMAX ISO² 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 ISO²** is designed to be mechanically fixed into concrete or masonry substrates in accordance with the installation instructions. **PIRMAX ISO²** is an industrial insulation product and designed for insulating purposes only.

ISO² RANGE

NOMINAL THICKNESS (mm)	DECLARED R-VALUE (m²K/W)	NOMINAL LENGTH (mm)	NOMINAL WIDTH (mm)
25	R_d 1.05	2400	1200
30	R_d 1.30	2400	1200
40	R_d 1.90	2400	1200
50	R_d 2.35	2400	1200
60	R_d 2.85	2400	1200
70	R_d 3.30	2400	1200
75	R_d 3.55	2400	1200
80	R_d 4.00	2400	1200
90	R_d 4.50	2400	1200
95	R_d 4.75	2400	1200
100	R_d 4.85	2400	1200

Other thicknesses available upon request, MOQ apply

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 SMOGRA$_{RC}$	2 ≤ 100 m²/s² x 1000
California Specification 01350	Volatile Organic Compounds (VOC) Maximum Service Temperature	<0.01 mg/m³ 200 °C

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PRODUCT ACCREDITATIONS

GLOBAL GREEN TAG CERTIFIED — GreenRate | Level A — CERT TM — trust brands™

GLOBAL GREENTAG HEALTH RATE — Platinum HEALTH — CERT TM — trust brands™

THIRD PARTY VERIFIED — PHD Product Health Declaration — GLOBAL GREENTAG INTERNATIONAL℠

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

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Pirmax ISO² 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 ISO²: Polymethylene polyphenyl isocyanate; Aluminum; 4,4'-Methylenediphenyl diisocyanate; 1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol and α-hydro-ω-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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MANUFACTURER DISPENSABLE FOR LABEL ACCURACY
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For more information on the PIRMAX Declare Label use the QR code to go to the Living Future PIRMAX page link

CODEMARK® Australia

CERTIFICATE OF CONFORMITY
Certificate number
CM20328

For more information on the PIRMAX Codemark certificate use the QR code to go to the JASANZ PIRMAX page link