



## HR DUCTBOARD

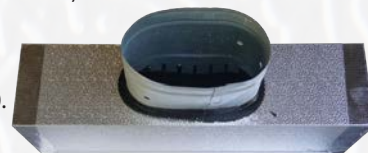
MODIFIED POLYISOCYANURATE RIGID THERMAL INSULATION  
HIGH R-VALUE INSULATED DUCTBOARD





**PIRM<sub>α</sub>X HR DUCTBOARD** is an Australian Made modified PIR (Polyisocyanurate) rigid thermal panel that can be used in domestic and commercial ducting. **PIRM<sub>α</sub>X HR DUCTBOARD** is extremely lightweight, easy to handle, allowing faster installs in HVAC ductwork applications and requiring less support hangers. With closed cell content greater than 90% and very low water transmission, even through the core, **PIRM<sub>α</sub>X HR DUCTBOARD** is highly resistant to moisture penetration.

- ▶ Complies with AS/NZS 4859.1:2018.
- ▶ Amongst the highest thermal values per thickness, available up to R2.0.
- ▶ Fire performance tested to UL 181, AS/NZS 1530.3 and AS 2122.1.



## Construction

**PIRM<sub>α</sub>X HR DUCTBOARD** is a modified PIR (Polyisocyanurate) rigid thermal panel laminated with non permeable aluminium foil to both sides of the board with one side black.

## Declare - Red List Free

**PIRM<sub>α</sub>X HR DUCTBOARD** is a RED LIST FREE product, ingredients are 100% disclosed to 100 ppm, and do not contain any Red List chemicals.

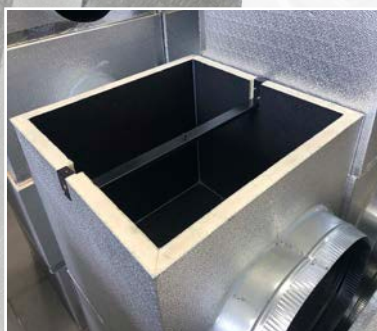
**Declare.**

**Red List Free**

## Australian Made

**PIRM<sub>α</sub>X HR DUCTBOARD** is manufactured in Australia by an Australian owned and operated company, and guarantee the highest quality insulation material.

As our products are wholly Australian Made we take pride in our manufacturing to ensure a high standard of quality, service and value.



## PIRM<sub>α</sub>X HR DUCTBOARD Product Details

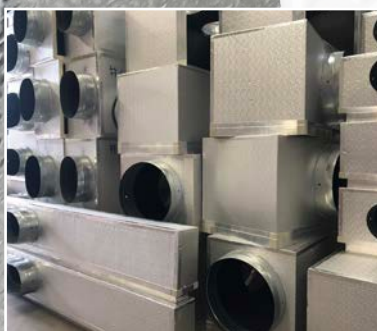
<b>Product Name</b>	PIRMAX HR DUCTBOARD "modified PIR rigid thermal insulation"
<b>Product Code</b>	PIRMAX HR DUCTBOARD _____ (mm)
<b>Thickness</b>	25mm/30mm/40mm/42mm (other custom thicknesses available)
<b>Panel Size</b>	3950mm x 1200mm Also can be cut to custom lengths and sizes
<b>Facings</b>	Silver/Black. Embossed aluminium sheet laminated to both sides.

## PIRM<sub>α</sub>X HR DUCTBOARD Product R-Values

Nominal Thickness	Declared R-value (m <sup>2</sup> K/W)
PIRMAX HR DUCTBOARD 25mm	R1.05
PIRMAX HR DUCTBOARD 30mm	R1.30
PIRMAX HR DUCTBOARD 40mm	R1.90
PIRMAX HR DUCTBOARD 42mm	R2.00

## PIRM<sub>α</sub>X HR DUCTBOARD Summary of Testing Results

<b>Thermal</b>	AS/NZS 4859.1:2018	Refer to table above
<b>Burning</b>	UL 181	Pass
<b>Ignitability Index</b>	AS/NZS 1530.3	0 Range 0-20
<b>Spread of Flame Index</b>	AS/NZS 1530.3	0 Range 0-10
<b>Heat Evolved Index</b>	AS/NZS 1530.3	0 Range 0-10
<b>Smoke Developed Index</b>	AS/NZS 1530.3	1 Range 0-10
<b>Flame Propagation-Vertical Surface Ignition</b>	AS 2122.1-1993	Upon Request
<b>Volatile Organic Compounds (VOC)</b>	California Specification 01350	<0.01 mg/m <sup>3</sup>
<b>Maximum Service Temperature</b>	California Specification 01350	200°C



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