



MODIFIED POLYISOCYANURATE RIGID THERMAL INSULATION



PIRMAX RT-FF FOIL FACE PANEL PRODUCT BROCHURE

PIRMAX RT PANEL is a modified PIR (Polyisocyanurate) rigid thermal panel that can be used for rooftop green roofs and laminating applications. **PIRMAX RT PANEL** is a light weight closed cell PIR consisting of a foam inner core, thermoset between two layers of embossed aluminum foil facings to both sides of the board.

- ▶ Tested to AS/NZS 4859.1.
- ▶ Achieves excellent fire hazard results when tested to AS/NZS 1530.3.
- ▶ RED LIST FREE product, ingredients are 100% disclosed to 100 ppm, and do not contain any Red List chemicals.
- ▶ Manufactured in Australia for fast manufacturing turnaround times.

Declare - Red List Free

PIRMAX RT Panel is a RED LIST FREE product, ingredients are 100% disclosed to 100 ppm, and do not contain any Red List chemicals. They have been shown to meet the Materials Petal requirements of the Living Building Challenge and emissions testing criteria for Health + Happiness Petal. **PIRMAX RT Panel** does not exceed maximum limits as defined by CDPH Standard Method v1.2-2017. **PIRMAX RT Panel** meets the requirements of the WELL Specification AE-ES-SPS-003 relating to WELL X11 Long Term Emission Control and WELL X12 Short Term Emission Control.

Australian Made

PIRMAX RT PANEL 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.



Declare.



PIRMAX RT FOIL FACE PANEL Product Details

Product Name	PIRMAX - RT FF Panel Foil Faced "modified PIR rigid thermal insulation"
Product Code	PIRMAX RT _____ (mm)
Thickness	50mm/60mm/70mm/80mm/90mm/100mm
Panel Size	2400mm x 1200mm (2.88m ²). Also can be cut to custom lengths and sizes
Facings	Foam inner core, thermoset between two layers of embossed aluminum foil facings

PIRMAX RT FOIL FACE PANEL Product R-Values

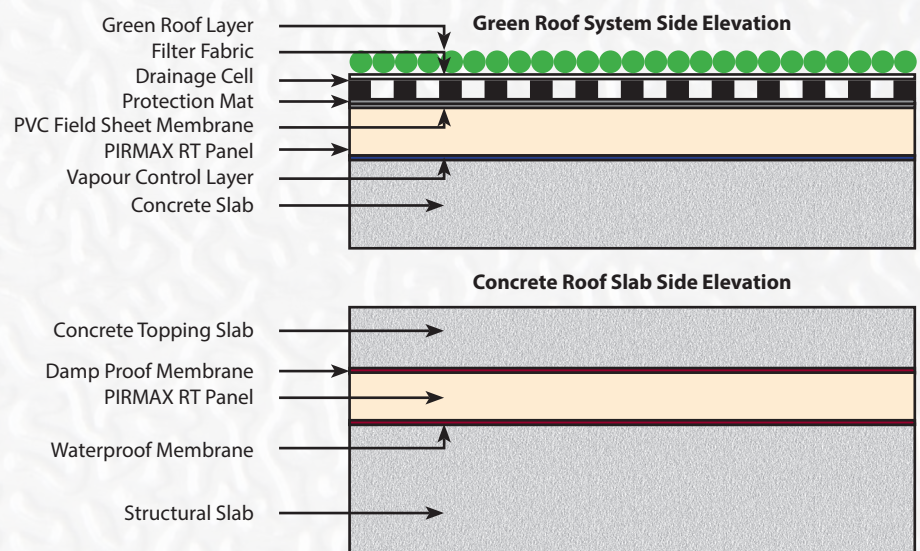
Nominal Thickness	Product R-value
PIRMAX RT FF 50mm	R _d 2.35
PIRMAX RT FF 60mm	R _d 2.85
PIRMAX RT FF 70mm	R _d 3.30
PIRMAX RT FF 80mm	R _d 4.00
PIRMAX RT FF 90mm	R _d 4.50
PIRMAX RT FF 100mm	R _d 4.85

PIRMAX RT FOIL FACE PANEL Product Testing

Tested to AS/NZS 4859.1		
Ignitability Index	AS/NZS 1530.3	PASS (Range 0-20)
Spread of Flame Index	AS/NZS 1530.3	PASS (Range 0-10)
Heat Evolved Index	AS/NZS 1530.3	PASS (Range 0-10)
Smoke Developed Index	AS/NZS 1530.3	PASS (Range 0-10)
Water Vapour Resistivity	AS1366.2/AS 2498.3	10-15 (g/m ² .24h) water transmission rate
Compressive Strength	AS1366.2/AS 2498.3	≥100+ (kPa) at 10% compression

Installation

Before installing PIRMAX RT PANEL make sure that all documentation has been approved for the application by a relevant building professional, and installation is by a trained applicator.



Distributed by:



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