

2XR ULTRA SOFFIT



Foam Board with Foil Face

ITEM	UNIT	SPECIFICATION
Density	kg/m ³	45
Thermal Conductivity - ASTM C518-10	W/m.k	0.020 (mean temperature 22°C)
Compressive Strength	Kpa	250
Water Absorption	%	1.9
Fire Property	AS/NZ 1530-3	0,0,0,1
Fire Rating	AS3837	Group 1
Max Smoke Density	%	2
Dimension Change	%	0.3
Working Temperature	Celsius	-260 - + 150
Board Size	mm	2270 x 1200

Specifications

Dimensions:	Standard size is 2270mm x 1200mm Other dimensions available on request
Thicknesses:	Standard thicknesses are: 35mm and 60mm Other thicknesses available on request
Type of Edge:	Straight Edge
Colour:	Orange
Surface:	Aluminium Foil on both surfaces Other finishes available on request

(thermal conductivity allowing for 3% margin of error as according to Branz C518 test)

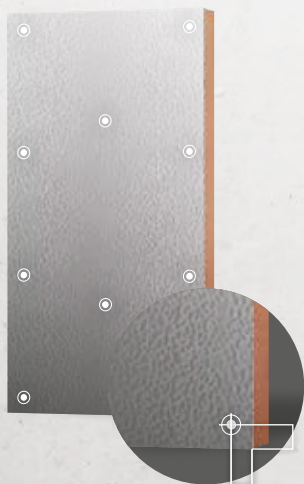


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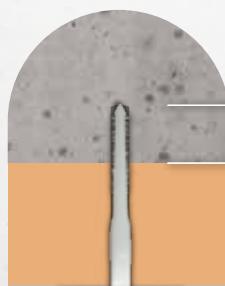
INSTALLATION GUIDE



2XR Ultra Soffit greater than 50mm can be installed to a concrete soffit by the use of 10 approved insulation fasteners evenly spaced, with a minimum head diameter of 34mm. 4 fasteners along each edge and 2 along the middle. 2XR Ultra Soffit Less than 50mm can be installed to a concrete soffit by the use of 7 approved insulation fasteners evenly spaced, with a minimum head diameter of 34mm. 3 fasteners along each edge and 1 in the middle. If the board is exposed to external wind pressure extra fasteners may be required.



MIN 50mm off
the sides - MAX 150mm

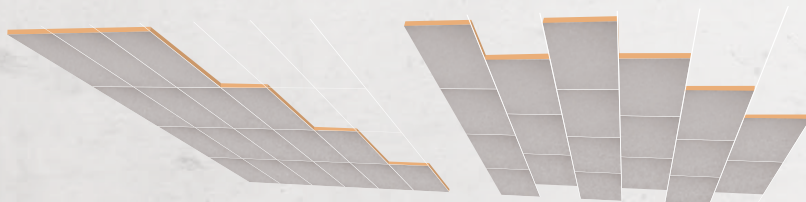


34mm plastic head.
To be installed with Hilti
Insulation mandrel IDP or
Powers Fasteners equivalent.

20mm

1. Fasteners should be set out to provide an even load across the sheet. These fasteners must penetrate concrete minimum of 20mm.

2. The board joints can be either squared or staggered and taped with 50-75mm wide appropriate aluminium foil tape.



Cutting

Cutting can be accomplished by using a fine toothed electric saw, or by scoring with a sharp knife, snapping the board over a suitable straight edge and then cutting the facing on the other side. Accurate trimming is vital to ensure close-butting joints and disallowance of thermal bridging.



Taping

For all fixing methods board joints should be taped with a minimum 50 to 72 mm wide foil tape.

1. Firstly, ensure that the temperature and atmospheric conditions are suitable for the tape being used as well as the product the tape is to be applied too.
2. Facing of the Ultra Soffit to which aluminium tape is being applied, must be free of dust, and other contaminants. Clean with a dry cloth before applying tape.
3. Backing of tape should be removed 400 - 700 mm at a time and the sticky face pressed firmly onto the foil facing. Care should be taken not to over tension the tape as this will create creases and maybe air pockets.
4. Apply the tape over the centre of the joint.
5. The tape should then be wiped firmly from the centre out with a suitable tool. Ensure pressure is applied in this process, this will ensure a good bond.
6. Tape should then be cut and fitted with a knife. The same wiping instructions should then be used as above.

! This is a guide only. Please contact us for full details and if you have any questions.



AWTA PRODUCT TESTING

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TEST REPORT

CLIENT : CHOICE SOLUTIONS
PO BOX 439
DELORAINES TAS 7304

TEST NUMBER : 7-592878-CV
ISSUE DATE : 09/08/2013
PRINT DATE : 09/08/2013

SAMPLE DESCRIPTION Clients Ref: "Choice Solutions 2XR Ultra Series"
Foil faced rigid foam panels
Approximate Thickness: 40mm
End Use: Insulation

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:

Nominal Composition: Foil Faced Phenolic Foam
Nominal Density: 45 kg/m3

AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame
Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face

Date tested: 8/8/2013

	Mean		Standard Error
Ignition time	Nil	min	Nil
Flame propagation time	Nil	s	Nil
Heat release integral	Nil	kJ/m2	Nil
Smoke release, log d	-1.8407		0.0365
Optical density, d	0.0147	/m	

Number of specimens ignited: 0

Number of specimens tested: 6

REGULATORY INDICES:		
Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Developed Index	1	Range 0-10



APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR