

# Array 24mm

**Designer:** Woven Image

**Application(s):** Ceilings

## Composition & Pattern

**Composition** EchoPanel Baffles 100% PET (60% post-consumer recycled)

**Hardware Composition** 100% Powder coated Aluminum Alloy 6060

**Colours Available** 21

## Kit & Box Content

**Box Contents** 8 x Baffles & 1 x Hardware kit

**Component Details** Hardware kit includes:  
2 x Array chassis  
2 x Snap cover  
4 x End cap

## Dimensions & Weight

**Dimensions** Length: 2400mm (+/- 5mm), Depth: 297mm (+/- 5mm), Thickness: 24mm (+/- 7%)

**Unit of Sale** Box

**Unit of Sale Net Weight (kg)** 20.46

## Performance

<b>Fire Test Result</b>	ASTM E84 Unadhered: Class 2 or B, ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0
<b>Acoustic Performance Standard Test Method</b>	AS ISO 11654: 2002 (2016), AS ISO 354: 2006 (R2016), ASTM C423 - 17
<b>Noise Reduction Coefficient (NRC) Result</b>	Direct fix: 0.85
<b>Sound Absorption Average (SAA) Result</b>	Direct fix: 0.83
<b>Weighted Sound Absorption Coefficient (<math>\alpha_w</math>) Result</b>	Direct fix: 0.75(MH)
<b>Sound Absorption Class</b>	C (Direct fix)
<b>Equivalent Absorption Area (<math>A_{eq}</math>) in <math>m^2</math> Sabins</b>	Direct fix: 125Hz = 0.15m <sup>2</sup> , 250Hz = 0.44m <sup>2</sup> , 500Hz = 0.46m <sup>2</sup> , 1000Hz = 0.70m <sup>2</sup> , 2000Hz = 0.85m <sup>2</sup> , and 4000Hz = 0.83m <sup>2</sup>
<b>Additional Acoustic Information</b>	Baffles tested were 2400mm x 300mm x 24mm, at 300mm spacing/centres. MH = Mid to High Frequency
<b>Colour Fastness to Light Standard Test Method</b>	ISO 105 B02
<b>Colour Fastness Light Rating</b>	6 - 7
<b>Light Reflectance Standard Test Method</b>	ASTM E1477

## Sustainability

<b>VOC Emissions Results</b>	EchoPanel 24mm achieves ASTM D5116: TVOC Emissions Rate: <0.02mg/m <sup>2</sup> /hr (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: <0.054mg/m <sup>3</sup> ; Formaldehyde Emissions Rate: <2µg/m <sup>3</sup>
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Sustainability Performance



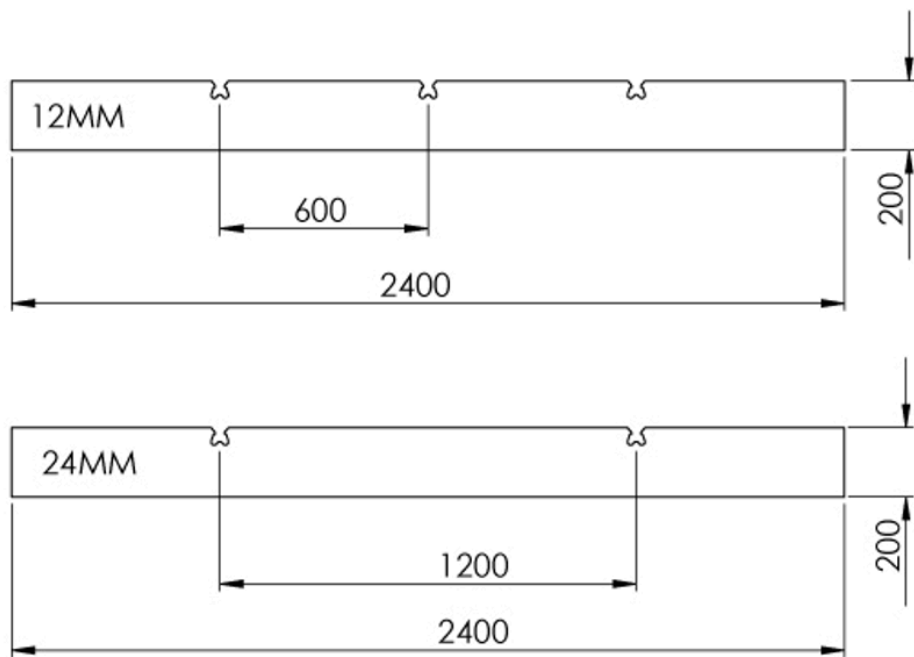
Sustainability Performance Details

EchoPanel achieves GreenTag Certification GreenRate: Level A & Health Rate Platinum, Red List Free, and has an International Living Future Institute Declare Label. Array Baffles meet the sound reducing ceiling treatment requirements to attract points under feature S04 of WELL™ Standard v2.

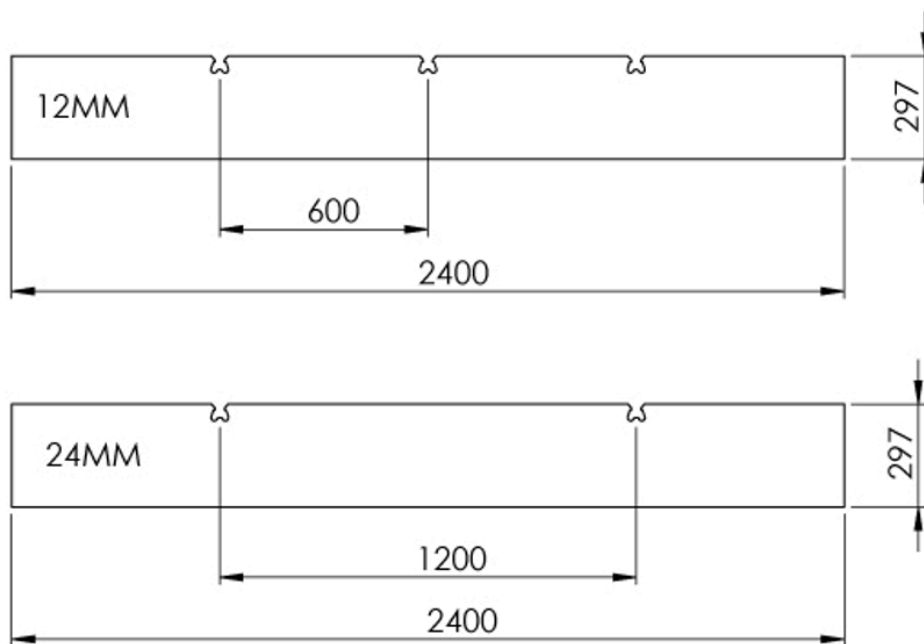
Instructions

Product Care Instructions

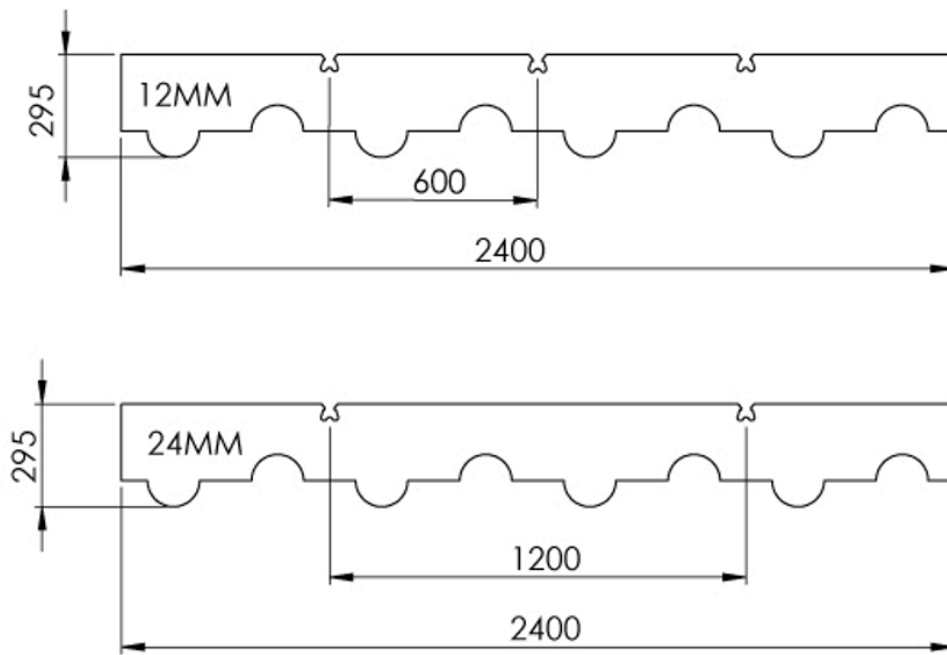
See Woven Image EchoPanel Care & Cleaning Guide  
See Woven Image Array Installation Guide



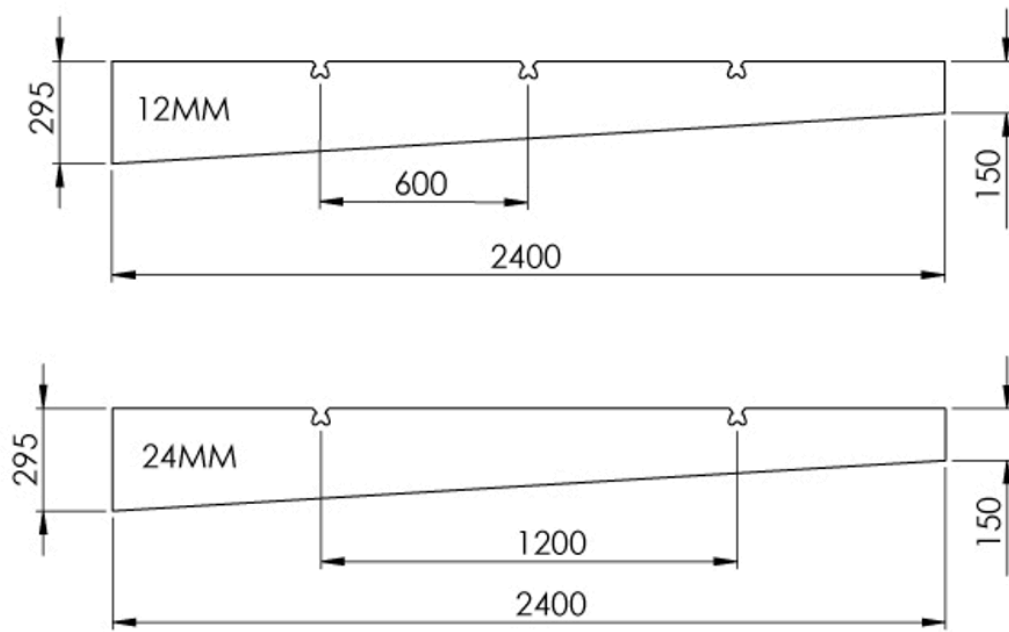
	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY – BEAM 200 - 12MM	2400 (+ - 5mm)	200	12	1.15	10
ARRAY – BEAM 200 - 24MM	2400 (+ - 5mm)	200	24	1.44	8



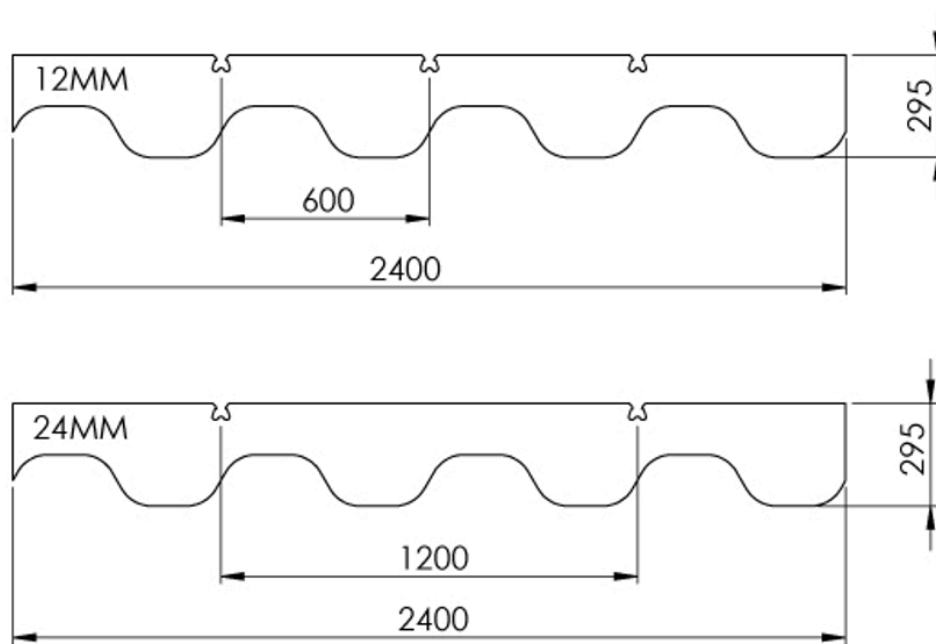
	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY – BEAM 300- 12MM	2400 (+ - 5mm)	297	12	1.73	8
ARRAY – BEAM 300 - 24MM	2400 (+ - 5mm)	297	24	2.16	6



	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY - CATHEDRAL- 12MM	2400 (+ - 5mm)	295	12	1.3	10
ARRAY - CATHEDRAL- 24MM	2400 (+ - 5mm)	295	24	1.62	8

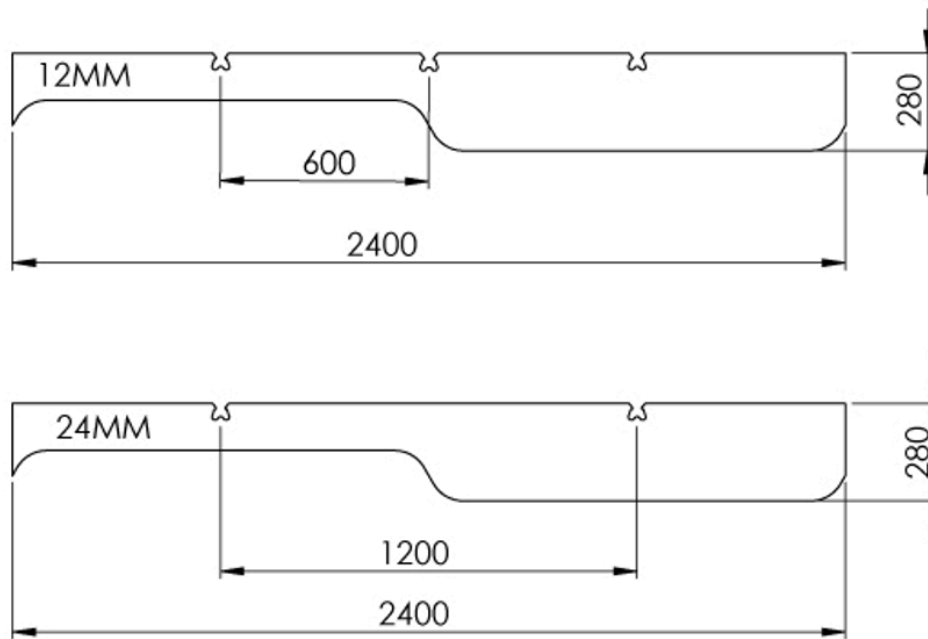


	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY - TAPER- 12MM	2400 (+ - 5mm)	295	12	1.3	10
ARRAY - TAPER- 24MM	2400 (+ - 5mm)	295	24	1.62	8

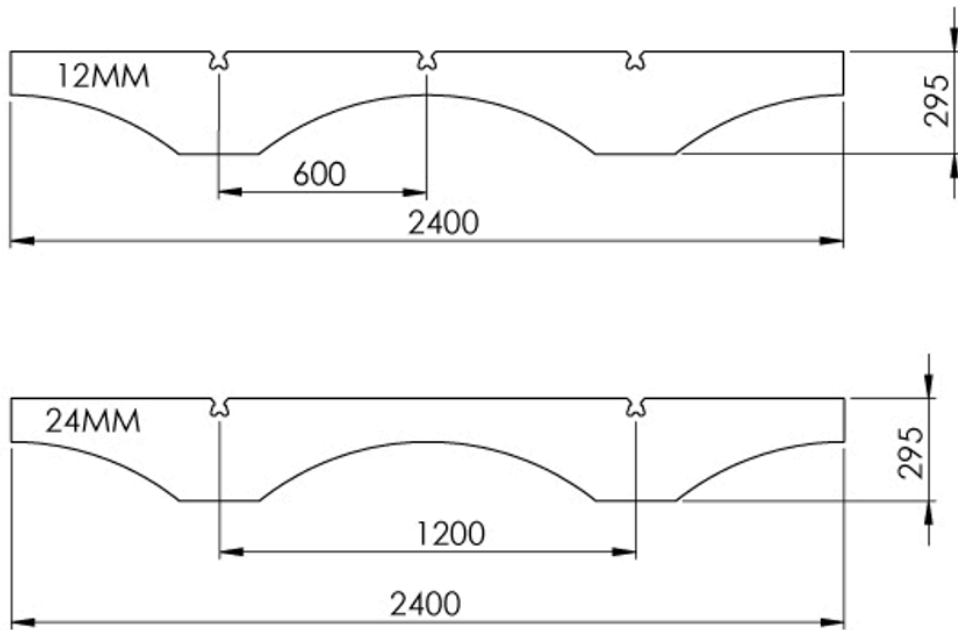


	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY - TURRET- 12MM	2400 (+ - 5mm)	295	12	1.3	10
ARRAY - TURRET- 24MM	2400 (+ - 5mm)	295	24	1.62	8

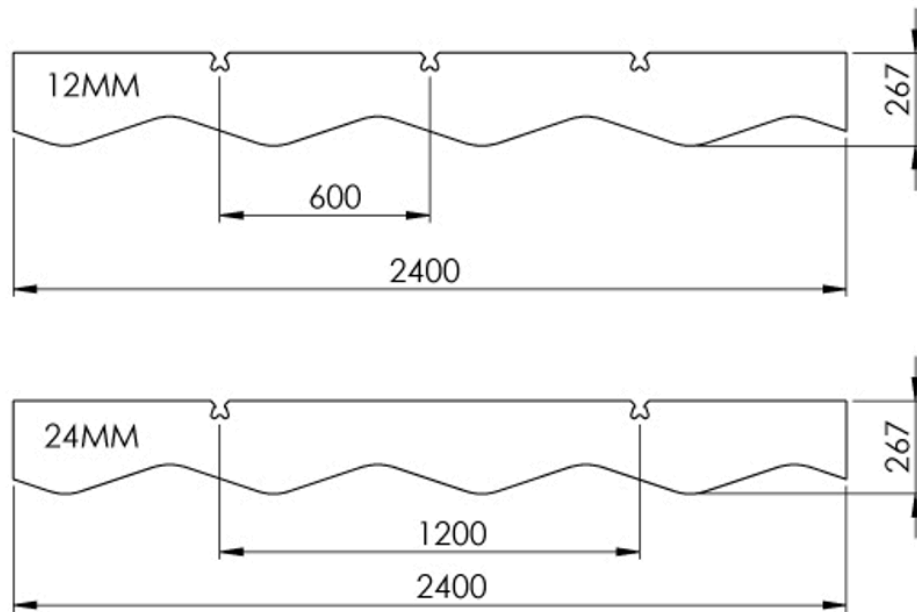




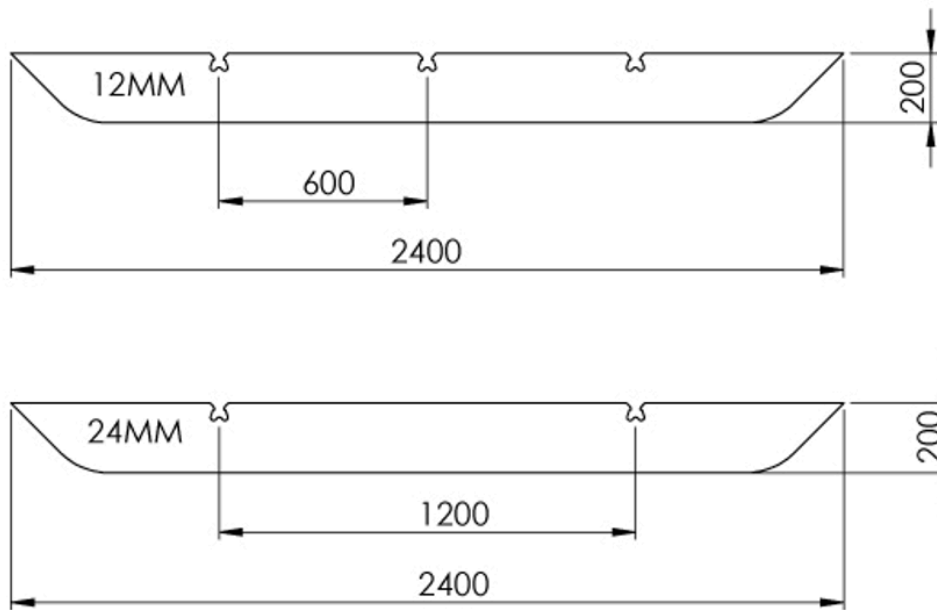
	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY - VALLEY- 12MM	2400 (+ - 5mm)	280	12	1.3	10
ARRAY - VALLEY- 24MM	2400 (+ - 5mm)	280	24	1.62	8



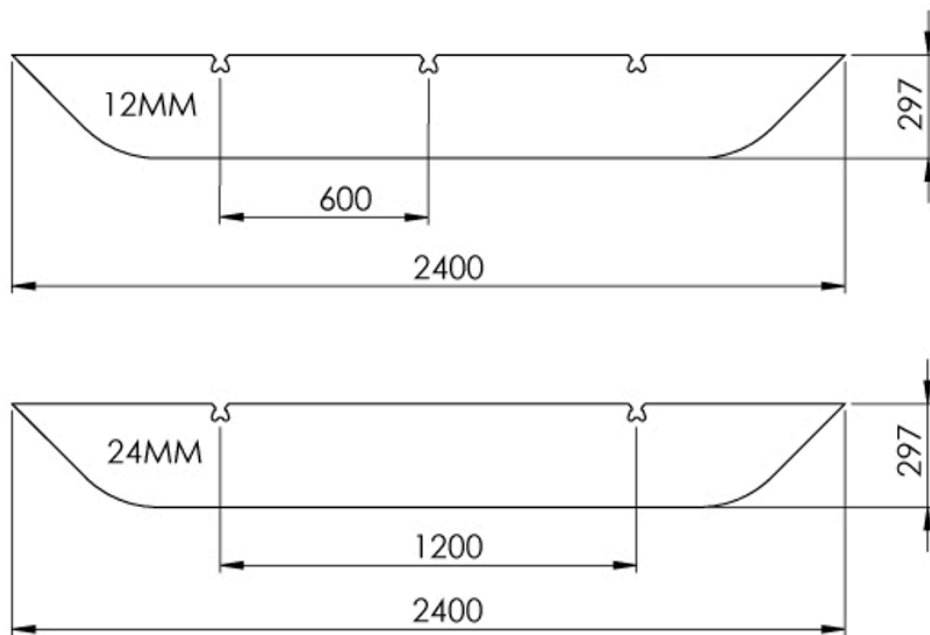
	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY - VIADUCT- 12MM	2400 (+ - 5mm)	295	12	1.25	8
ARRAY - VIADUCT- 24MM	2400 (+ - 5mm)	295	24	1.57	6



	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY – WAVE - 12MM	2400 (+ - 5mm)	267	12	1.3	10
ARRAY – WAVE - 24MM	2400 (+ - 5mm)	267	24	1.62	8



	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY – WEDGE 200 - 12MM	2400 (+ - 5mm)	200	12	1.05	10
ARRAY – WEDGE 200 - 24MM	2400 (+ - 5mm)	200	24	1.31	8



	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Single Baffle</i>	<i>Per Kit</i>
<b>Description</b>	<b>Length (mm)</b>	<b>Depth (mm)</b>	<b>Thick (mm)</b>	<b>Weight kg (nom)</b>	<b>(QTY)</b>
ARRAY – WEDGE 300 - 12MM	2400 (+ - 5mm)	297	12	1.5	8
ARRAY – WEDGE 300 - 24MM	2400 (+ - 5mm)	297	24	1.88	6