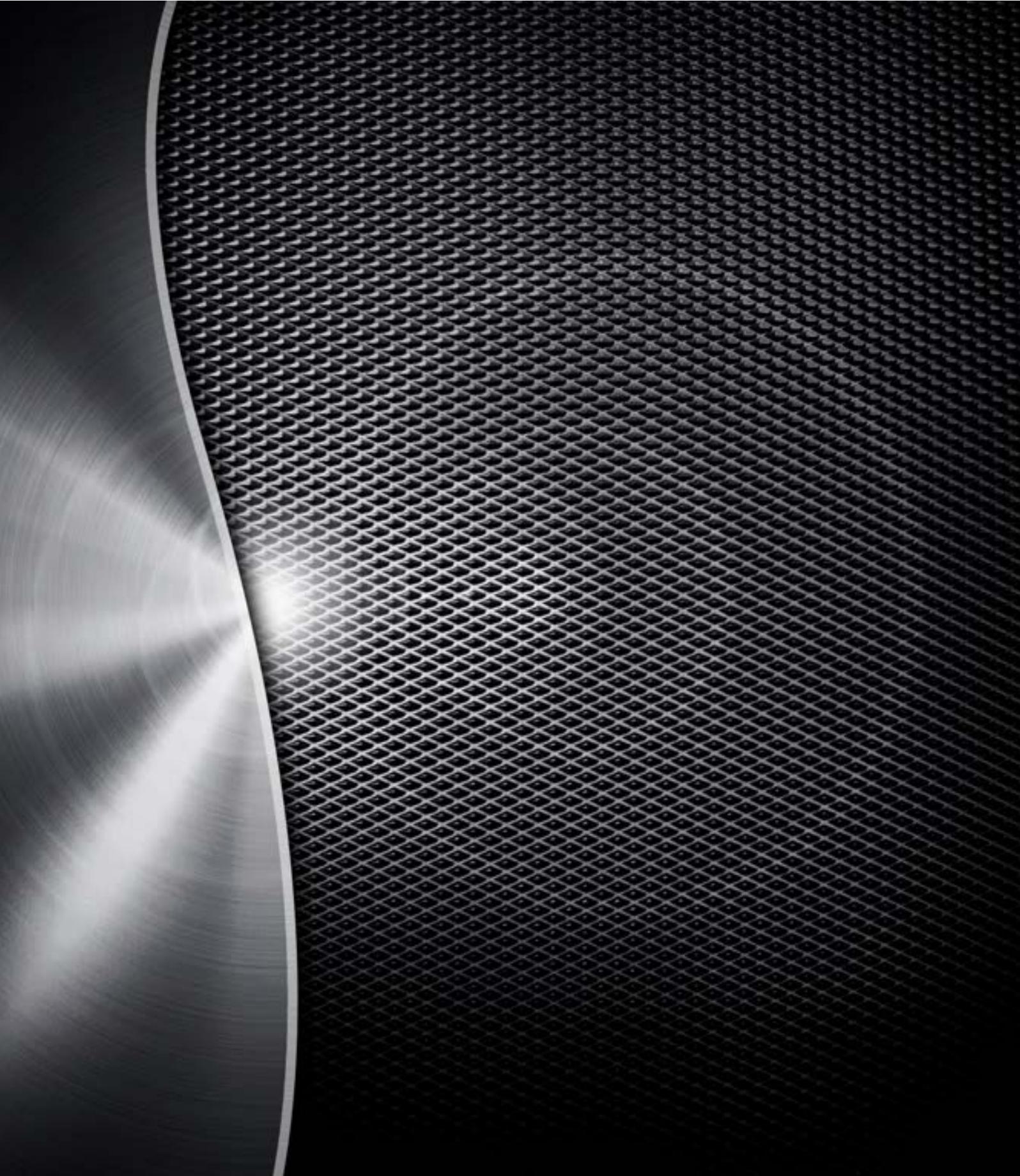


QIC MATRIX

OUTSTANDING CONTEMPORARY METAL MESH CEILINGS





Matrix from QIC is a highly versatile designer material giving extra visual effects to ceilings. It is very easy to customise Metal Mesh Ceilings from QIC by varying the types of mesh, their arrangement, the lighting and the colour.

QIC Matrix has a wide range of patterns, finish options and can be manufactured to the specifiers shape and design.

System Features

Specified for its textured appearance, the additional main features of QIC Matrix International mesh panels include:

- Compatible with multiple QIC systems
- Available in six patterns and the full range of RAL colours
- Incorporates M&E services and complex building layouts
- Adjustable to bespoke designs

Tile Shape & Design

Mesh can be designed and manufactured in a wide range of patterns including profiles that are round, square, diamond and hexagonal.

For best results and to maximise the strength of the material, mesh should be specified with the long-way pattern direction across the tile width.

Specification considerations for mesh include:

- Visible face ('A' face as standard)
- Open view orientation
- Longway direction (across width as standard)
- Pattern selection
- Finishes and integration requirements

Bespoke Designs

Non-standard, bespoke options can also be manufactured to specification.

Please contact our technical design team for more information on bespoke mesh patterns and applications, access, security, service integration and load support.

Finishes Availability

- Coating – Polyester powder coat
- Colour – Available in a full range of RAL PPC

Lighting and Integration

Various effects can be achieved using light location. From discreet illumination to bold up-lighting, the expanded metal provides multiple possibilities.

Like other suspended metal ceilings, the system can also be designed with cut outs for lights and sensors. For precise and secure integration, flanged lights and vents are recommended and should be independently supported.

Texture (A and B side)

The mesh manufacture process results in the material having a different appearance depending on which face is visible. Tiles are manufactured with the "A Face" visible as standard but if desired the "B face" could be specified as the finished face.

The "A" side of the tile is smoother with more gentle curves while the "B" side has a more pronounced texture. Depending on aesthetic preference, specifiers will need to choose their preferred visible face.

Acoustic Performance

Acoustic pad is optional (16x80Kg/m3 density mineral-wool pad tissue wrapped).

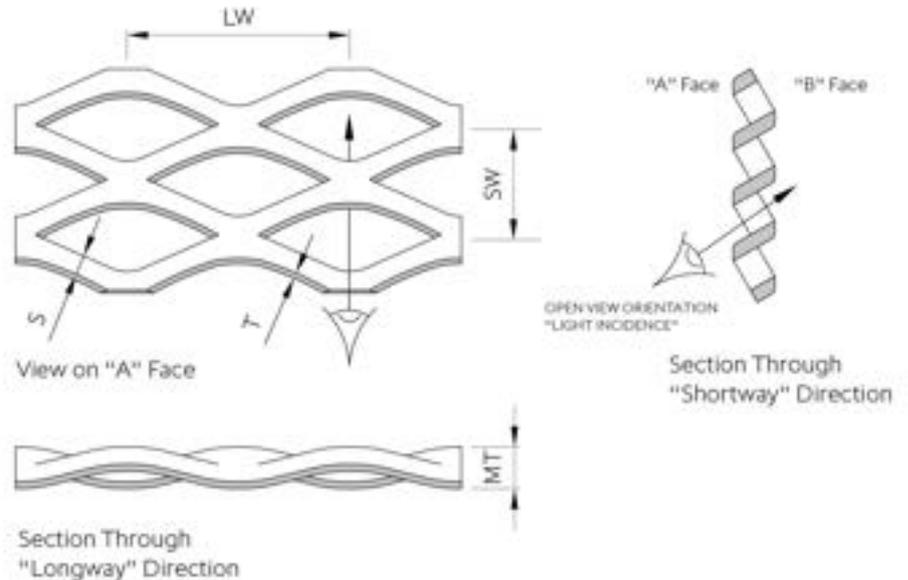
Other acoustic treatments are available, depending on project requirement. Please contact our technical department for more information.

Storage and Handling

Full PPE when handling must be worn due to the nature of mesh.

MESH OVERVIEW

LW Long Way
 SW Short Way
 S Strand Width
 T Strand Thickness
 MT Mesh Thickness



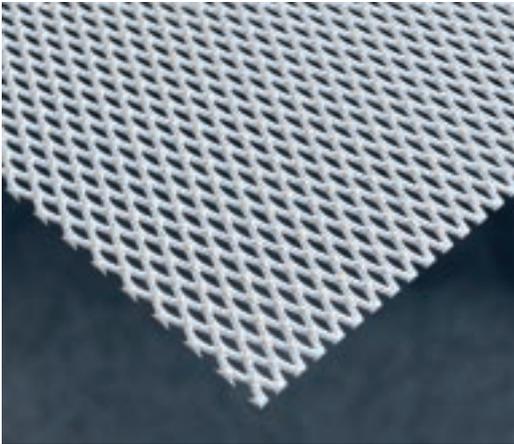
Orientation

Mesh is an excellent architectural material because of its textured surface providing depth and visual interest. The appearance of mesh changes when viewed from different angles defined as 'open view' and 'closed view'.

The 'open view' allows light to pass through the gaps while the 'closed view' reflects light on the surface depending on the viewer's perspective.

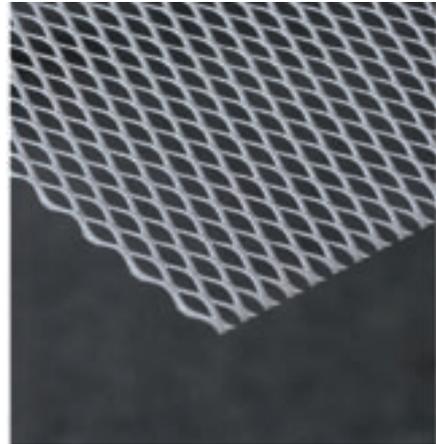
STANDARD MESH TYPES

Aptus - Raised Pre Galvanised Mesh



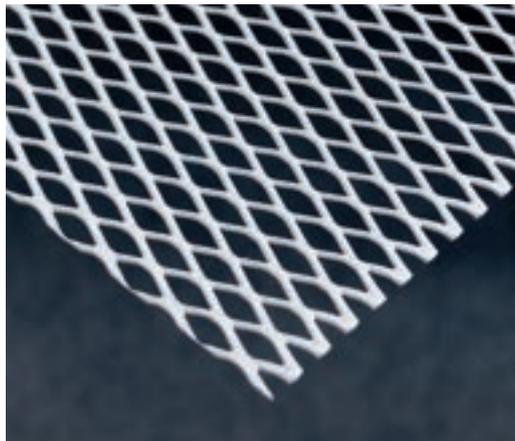
LW Pitch: 6.00mm Strand Width: 1.20mm
 SW Pitch: 4.25mm Thickness: 1.00mm
 Weight: 4.42 kg / m2 Open Area: 43%

Finity - Raised Pre Galvanised Mesh



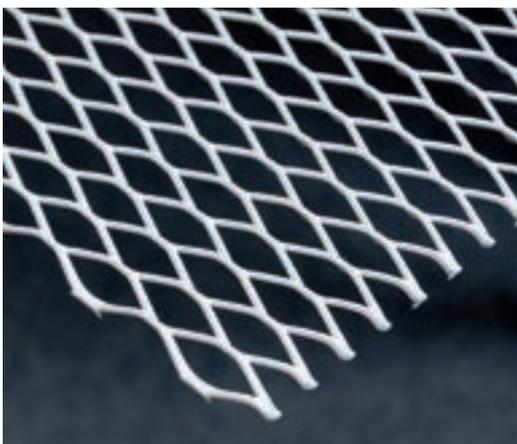
LW Pitch: 19.05mm Strand Width: 2.00mm
 SW Pitch: 8.00mm Thickness: 1.20mm
 Weight: 4.71 kg / m2 Open Area: 50%

Nova - Raised Pre Galvanised Mesh



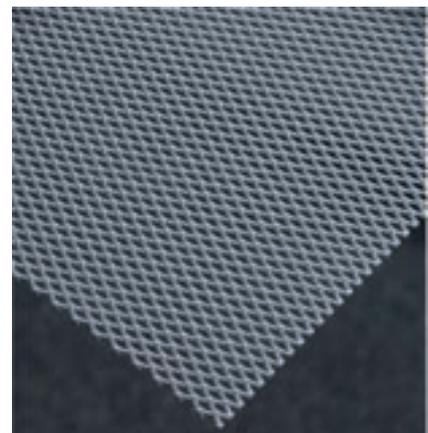
LW Pitch: 30.48mm Strand Width: 2.00mm
 SW Pitch: 10.00mm Thickness: 1.50mm
 Weight: 4.71 kg / m2 Open Area: 60%

Scape - Raised Mild Steel Mesh



LW Pitch: 38.10mm Strand Width: 2.00mm
 SW Pitch: 14.00mm Thickness: 1.50mm
 Weight: 4.20 kg / m2 Open Area: 64%

VEXA - Raised Mild Steel Mesh



LW Pitch: 10.00mm Strand Width: 1.55mm
 SW Pitch: 5.64mm Thickness: 0.90mm
 Weight: 4.30 kg / m2 Open Area: 45%



PLEASE CONTACT THE SALES TEAM FOR SAMPLES

COMPARISON CHART

QIC Reference	LW	SW	Strand Width	Thickness	Weight
VEXA	10.00mm	5.64mm	1.55mm	0.90mm	4.30 Kg/sq m
Finity	19.05mm	8.00mm	2.0mm	1.2mm	4.71 Kg/sq m
Nova	30.48mm	10.00mm	2.00mm	1.5mm	4.71 Kg/sq m
Scape	38.10mm	14.00mm	2.00mm	1.5mm	4.2 Kg/sq m
Aptus	6.00mm	4.25mm	1.20mm	1.0mm	4.42 Kg/sq m



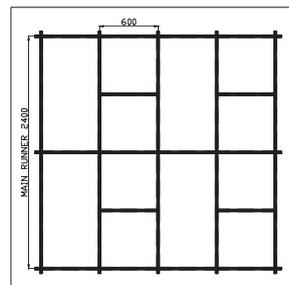
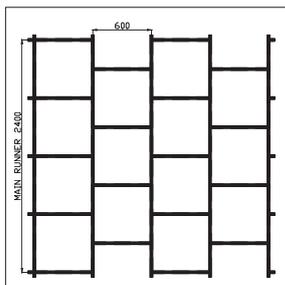
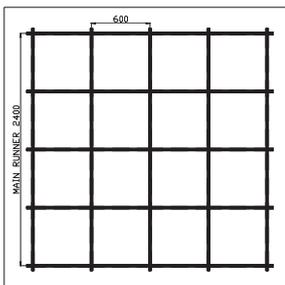
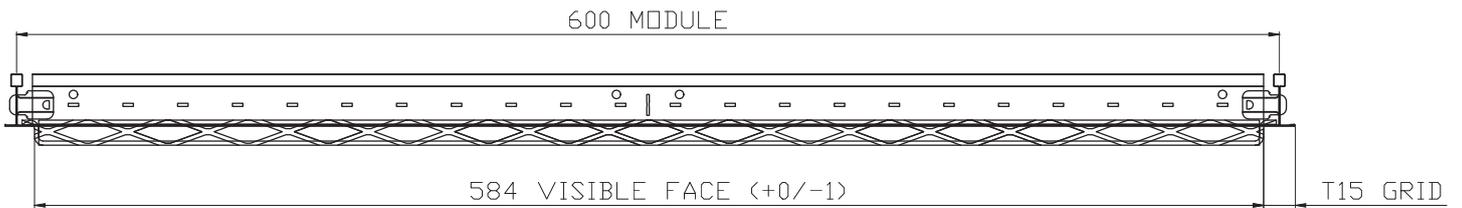
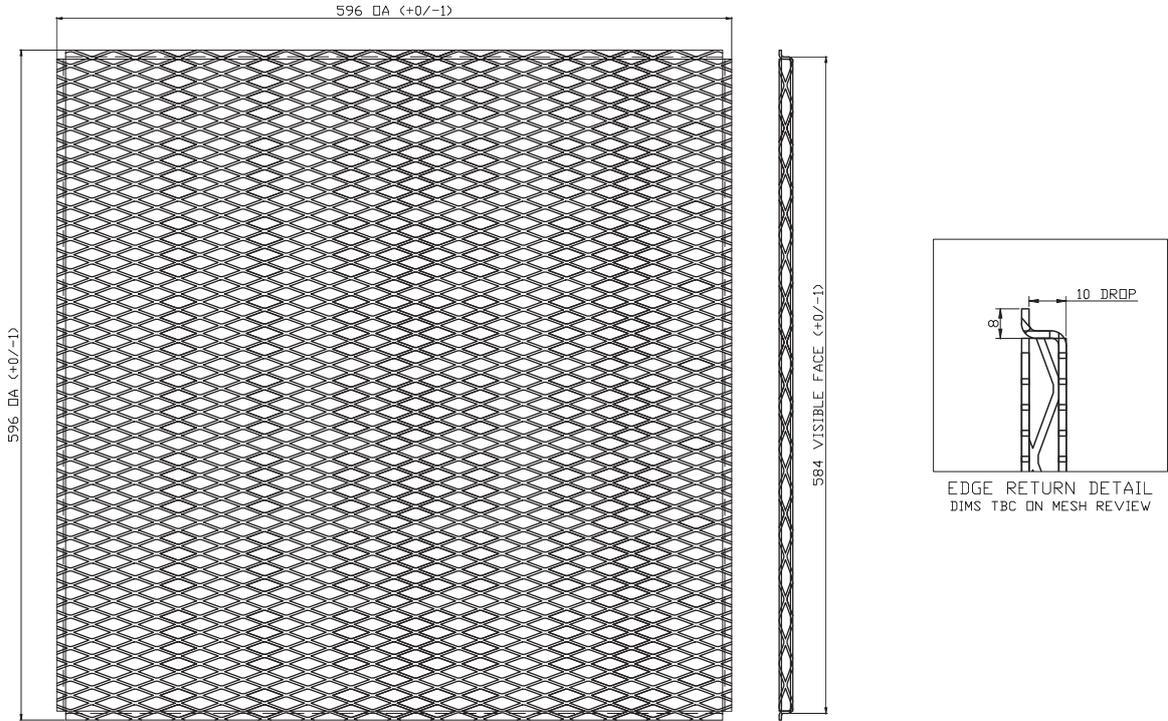
ATTRIBUTES

<p>SUSPENDED</p>	<p>EXPOSED GRID</p>	<p>WIRE</p>	<p>LAY-IN</p>	<p>LIFT & TILT</p>
<p>600 X 600 600 X 1200</p>	<p>11 - 18 kg/m²</p>	<p>INTEGRATED SERVICES</p>	<p>A2 - s1,d0 (BS EN 13501-1)</p>	<p>DIN EN ISO 11654: E-B</p>



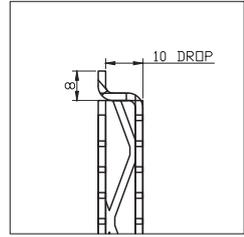
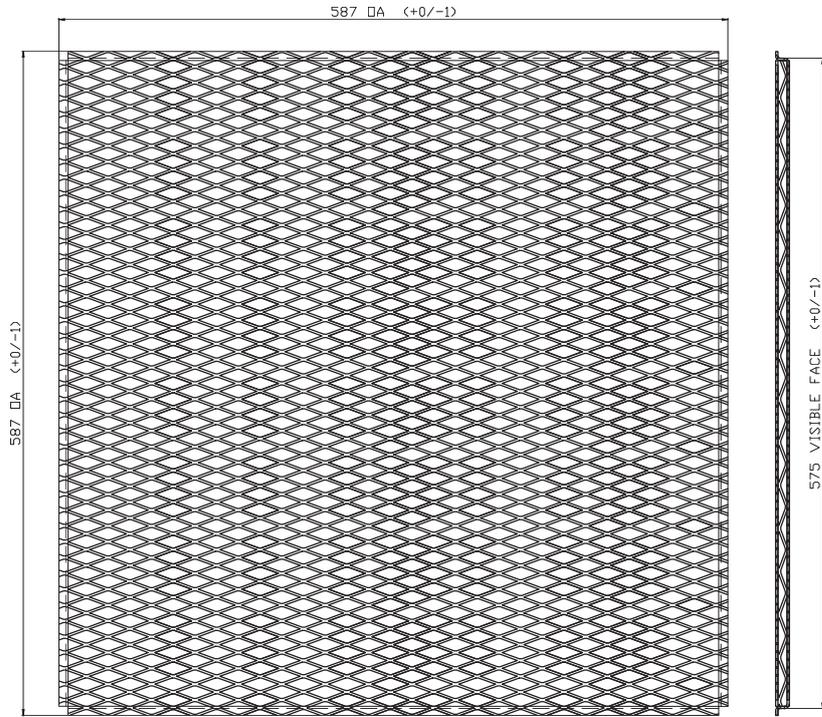
METAL MESH PRODUCT

15 x 10 Tegular Mesh Tile / 600 x 600 Module

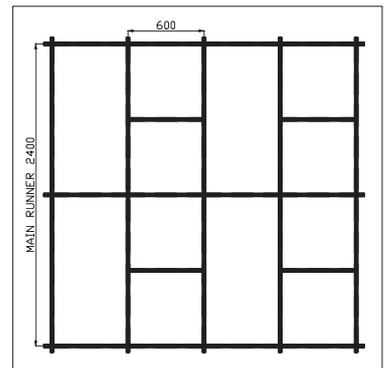
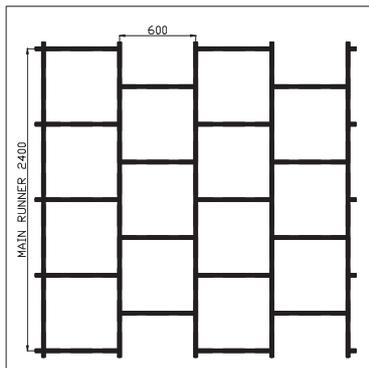
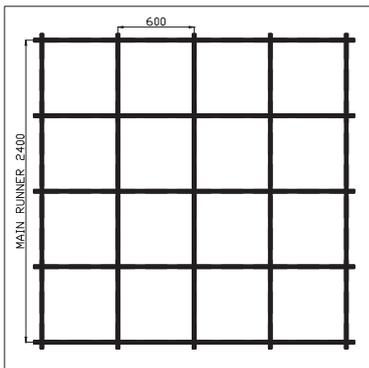
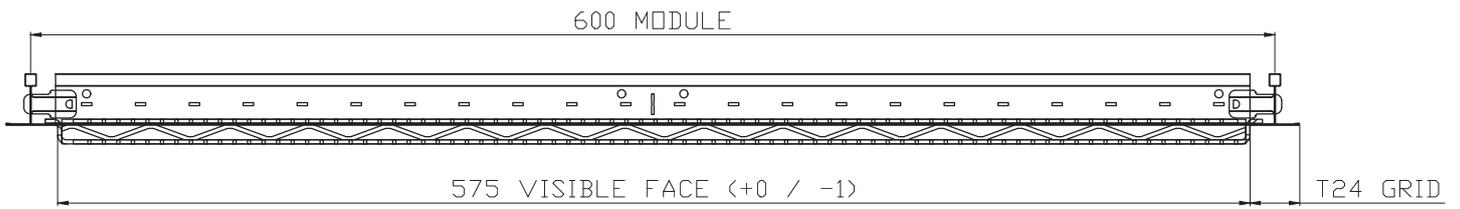


METAL MESH PRODUCT

24 x 10 Tegular Mesh Tile / 600 x 600 Module

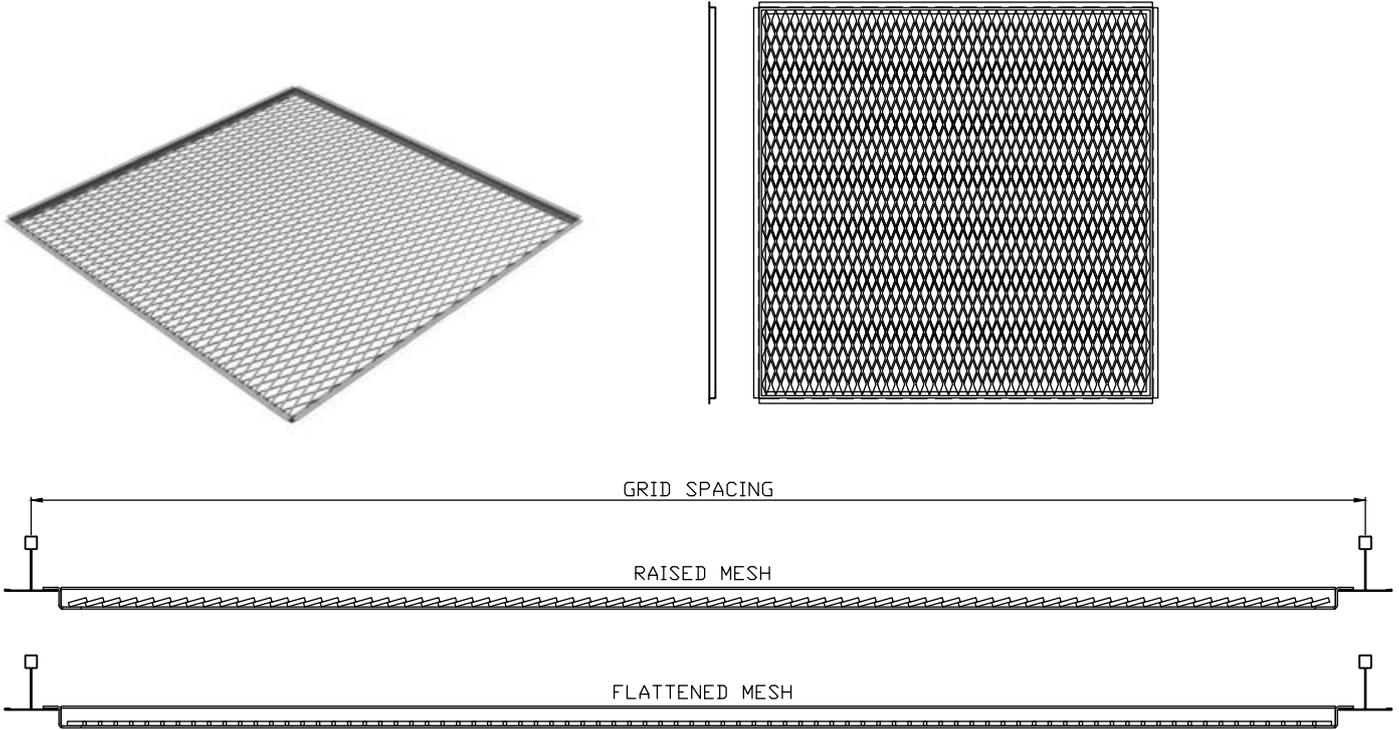


EDGE RETURN DETAIL
DIMS TBC ON MESH REVIEW



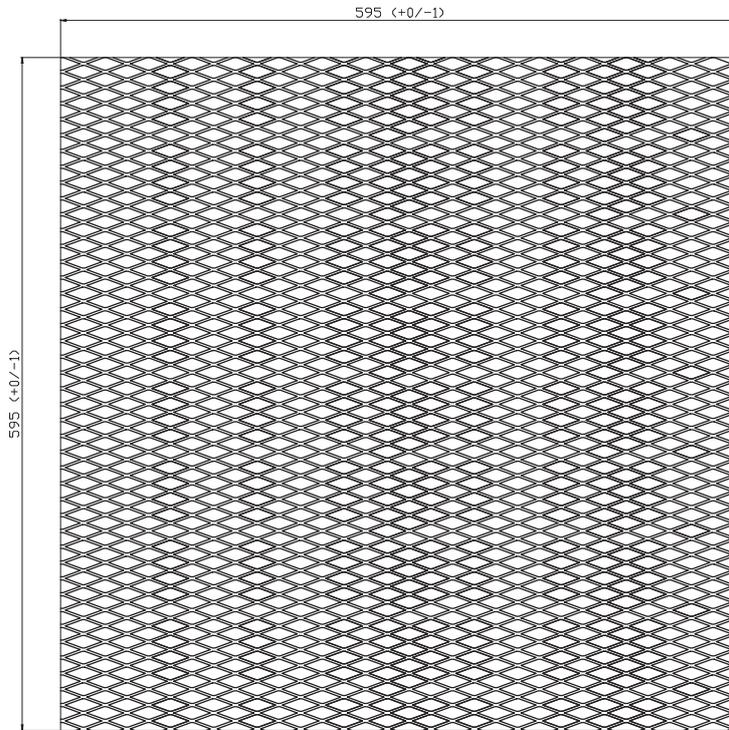
METAL MESH TILE PRODUCT

Tegular Mesh Ceiling Tiles - Suspended Grid System



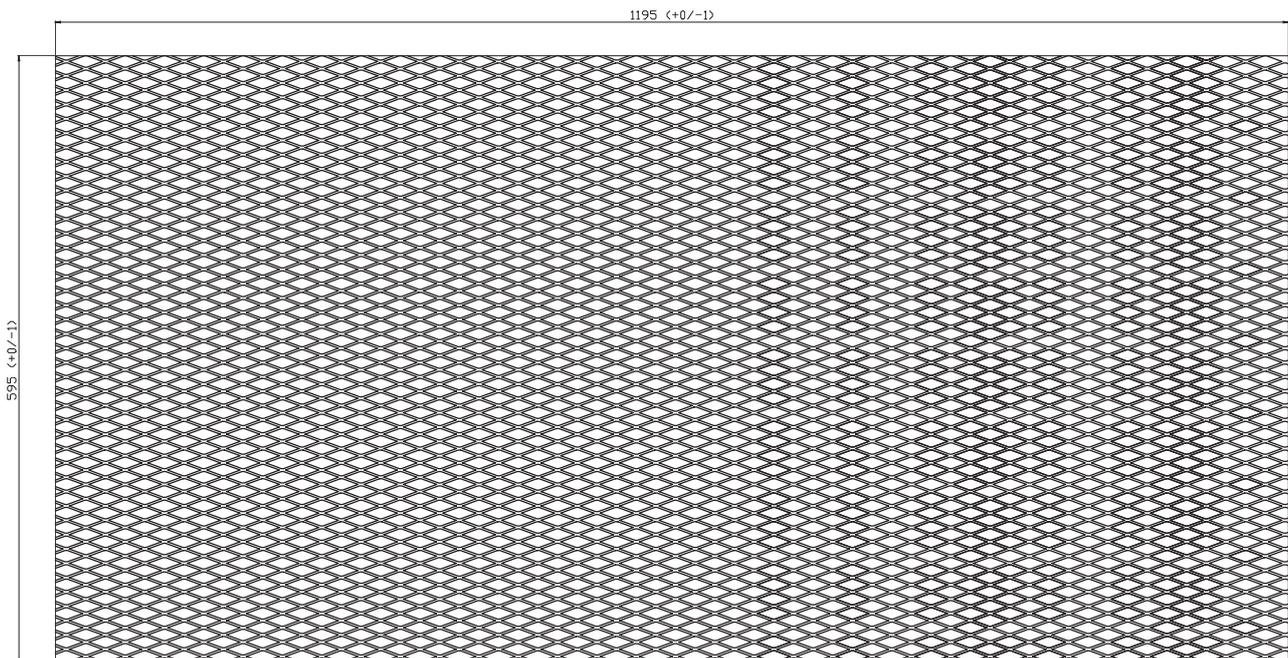
METAL MESH PRODUCT

Lay-in Mesh Tile - to suit 15 or 24mm Grid / 600 x 600 Module



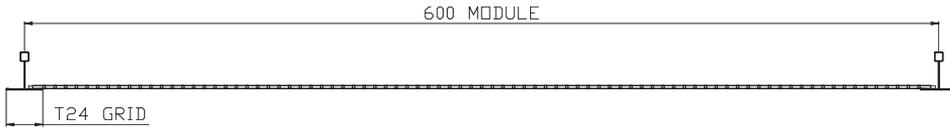
METAL MESH PRODUCT

Lay-in Mesh Tile - to suit 15 or 24mm Grid / 1200 x 600 Module



METAL MESH PRODUCT

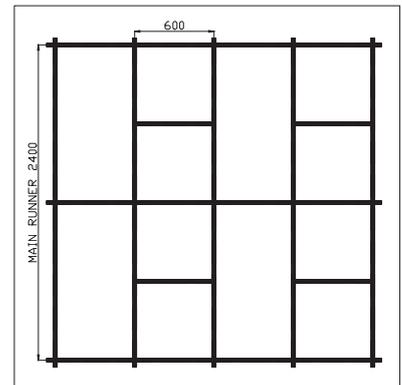
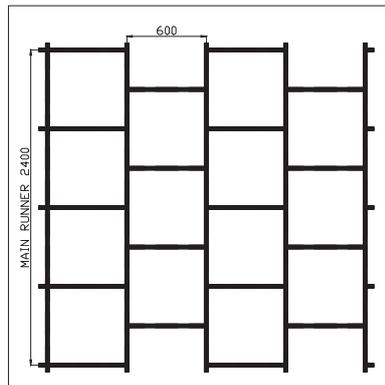
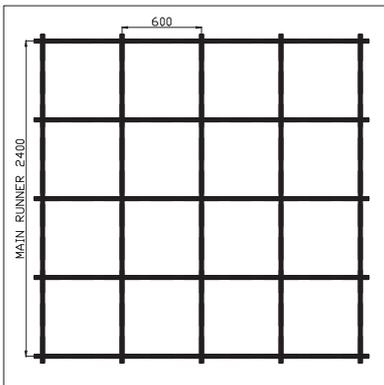
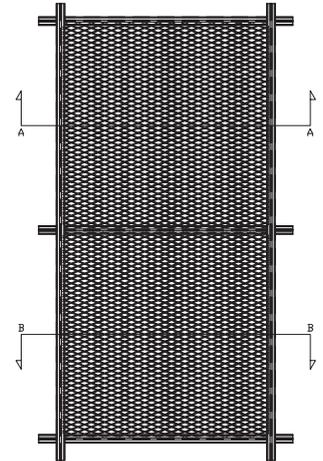
Lay-in Mesh Tile - to suit 15 or 24mm Grid / 600 x 600 Module



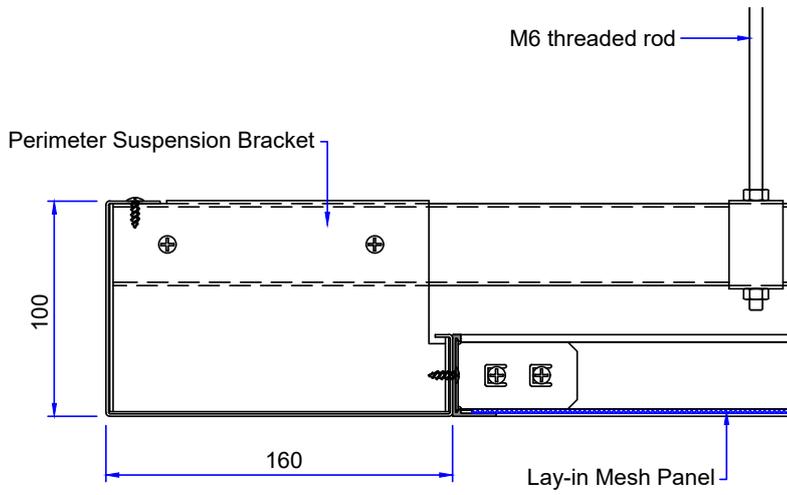
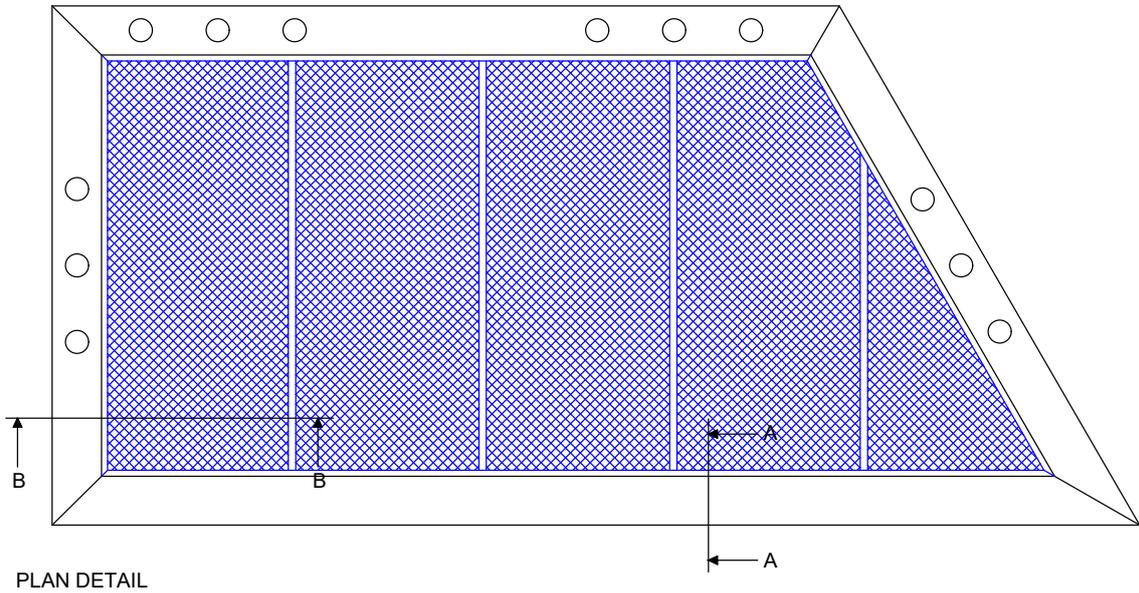
VIEW A-A (SHOWING FLATTENED MESH OPTION)



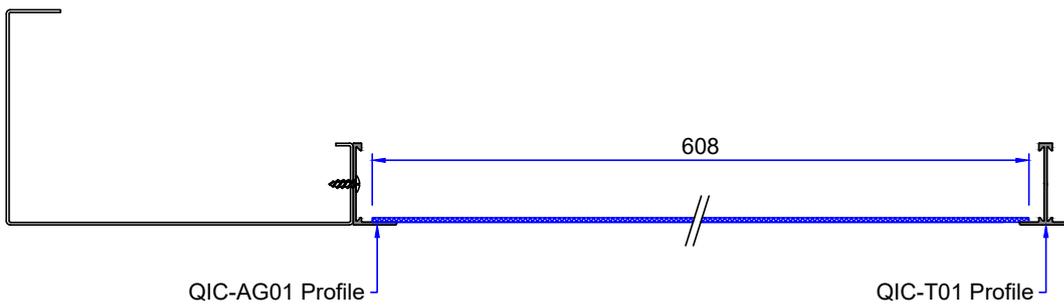
VIEW B-B (SHOWING RAISED MESH OPTION)



BESPOKE SOLUTIONS



SECTION A-A



SECTION B-B

QIC ACOUSTIC CEILING PAD

Designed for installation within metal tray suspended ceiling systems to assist in reducing reverberation of sound.



PRODUCT

QIC AcoustiPad consists of a rockfibre slab enclosed in a black glass tissue. It is produced in a range of sizes to fit all manufacturers' metal tray ceiling systems and can be supplied in a variety of density options. Intended for installation within a perforated metal tray system to assist with reducing reverberation of sound.

SPECIFICATION

- Prevents fibre migration within the ceiling void
- Intended for use within perforated metal tray suspended ceiling systems
- Simple to install

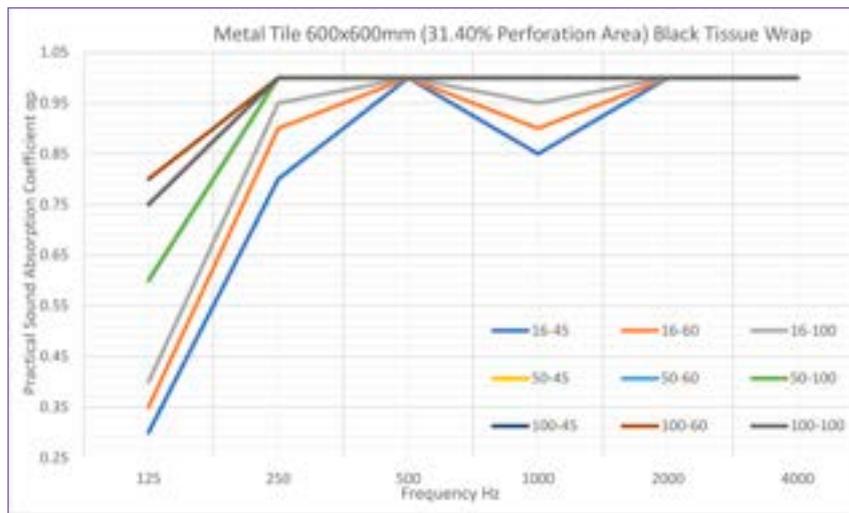
Densities: 45kg/m³, 60kg/m³, 100kg/m³ (other densities are available)

Thickness: 16mm, 50mm, 100mm (other thicknesses available to order)

Sizes: 300 x 300mm, 600 x 600mm, 1200 x 300mm, 1200 x 600mm (other sizes available to order) 1200 x 300mm, 1200 x 600mm (other sizes available to order)

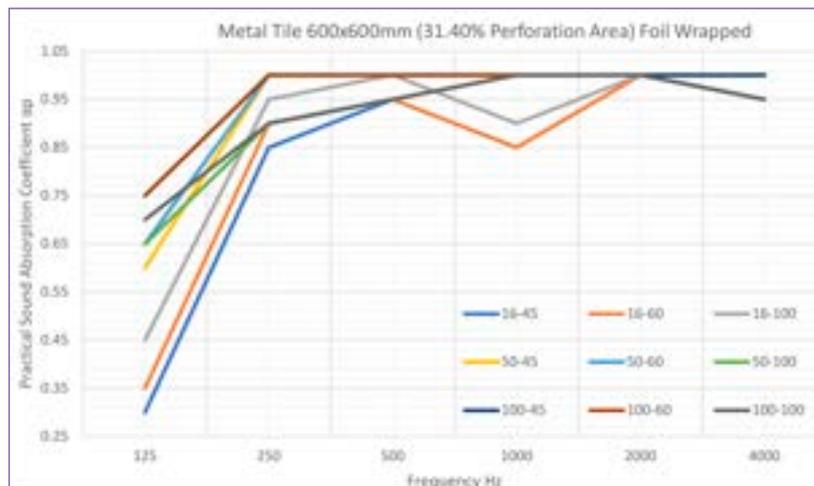
Black tissue Wrap

Metal Tile (31.40% Perforated Area)			Frequency Hz							
Infill Dimension	Mineral Wool	Wrap	125	250	500	1000	2000	4000	α_w	NRC
600x600x16mm	45kg/m ³	Black Tissue	0.30	0.80	1.00	0.85	1.00	1.00	0.95	0.90
	60kg/m ³		0.35	0.90	1.00	0.90	1.00	1.00	1.00	0.95
	100kg/m ³		0.40	0.95	1.00	0.95	1.00	1.00	1.00	1.00
600x600x50mm	45kg/m ³	Black Tissue	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.10
	60kg/m ³		0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.10
	100kg/m ³		0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.05
600x600x100mm	45kg/m ³	Black Tissue	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.15
	60kg/m ³		0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.10
	100kg/m ³		0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.05



Foil Wrap

Metal Tile (31.40% Perforated Area)			Frequency Hz							
Infill Dimension	Mineral Wool	Wrap	125	250	500	1000	2000	4000	α_w	NRC
600x600x16mm	45kg/m ³	Foil	0.30	0.85	0.95	0.85	1.00	0.95	0.95	0.90
	60kg/m ³		0.35	0.90	0.95	0.85	1.00	1.00	0.95	0.95
	100kg/m ³		0.45	0.95	1.00	0.90	1.00	1.00	1.00	0.95
600x600x50mm	45kg/m ³	Foil	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.05
	60kg/m ³		0.65	1.00	1.00	1.00	1.00	1.00	1.00	1.05
	100kg/m ³		0.65	0.90	0.95	1.00	1.00	1.00	1.00	1.00
600x600x100mm	45kg/m ³	Foil	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.05
	60kg/m ³		0.75	1.00	1.00	1.00	1.00	0.95	1.00	1.05
	100kg/m ³		0.70	0.90	0.95	1.00	1.00	0.95	1.00	0.95





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