



MATADOR[®]

Architectural Product

C1/SFB reference
00/35 1Hh41

January 2010

MATADOR[®] High Quality Ceiling Tiles



Product

MATADOR[®] tile ceilings are distinctive and simple in their design. These panels are made of 0.5/0.6/0.7/0.8mm polyster stove enamelled or polyster powder coating aluminium or steel in white standard colour and aluminium bright stainless steel anodized mirror finish panels. Other RAL colours can also be provided.

These modular ceilings offer a variety of sizes in square or rectangular shapes.

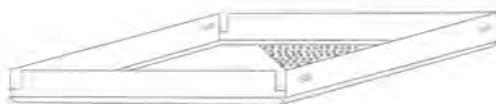
The **MATADOR**[®] tile ceilings is either Concealed or Lay-in.

The concealed system consists of panels clipped into a concealed spring tee carrier suspension.

The Lay-in system consists of panels fixed on exposed "T" type grid system.

These ceilings can be supplied both plain and perforated in Z or square pattern, 1.8mm standard diameter holes as standard perforation. Other perforation can be provided to Engineer's requirements. Upon installation, rockwool or acoustic veil backing can be placed on top of the perforated panels to achieve a high coefficient of absorption.

All galvanized steel conforms to B.S. 2989. Fire resistant characteristics confirm to B.S. 476. Degree of gloss 20% in accordance with Gardner DIN6753 at 60° incident angle. Noise reduction coefficient shall be 0.9 using acoustic non-woven tissue backing, at medium frequency ranges.



300x300 mm
Plain or Perforated



300x600 mm
Plain or Perforated



600x600 mm
Plain or Perforated or Decorative

Material:

Galvanized steel 0.63 mm thick, zinc coating on both sides, 120 gm/m³.

Class :- St 02 150 8 B Phosphated & Chromated

Steel Tile :- 0.5 & 0.6 mm total thickness available (Other sizes are also available upon request)

Aluminium Tile :- 0.5, 0.6, 0.7 & 0.8 mm total thickness available (Other sizes are also available upon request)

Size of Tiles:

300 x 300 mm (standard)

300 x 600 mm (standard)

600 x 600 mm (standard)

600 x 1200 mm (standard)

Other sizes are also available on request

Surface of Tiles:

Polyester Powder coating, approx RAL 9010

Gloss Level :- 20% according to Gardner 60

Thickness :- Min. 60 microns

Surface Structure :- Smooth, Free floating

Other RAL colours are also available

System

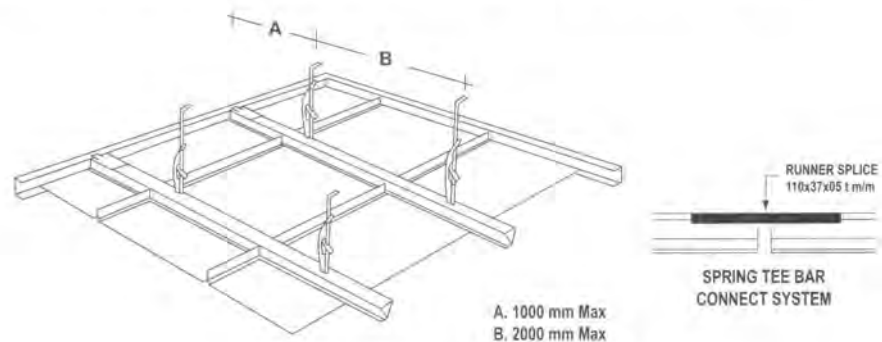
In preparation for installation of **MATADOR**[®] tile, the ceiling area is first measured and then divided up so that the carriers can be placed at distances of 0.6M. The edge trim is then screwed into the wall perimeter.

Next, the position of the wire hangers are marked on the soffit, taking care not to exceed a distance of 1.2 M. between hangers along the carriers. Then all carriers are levelled with the edge trims using adjustment clips which are inserted into the carriers through the hole.

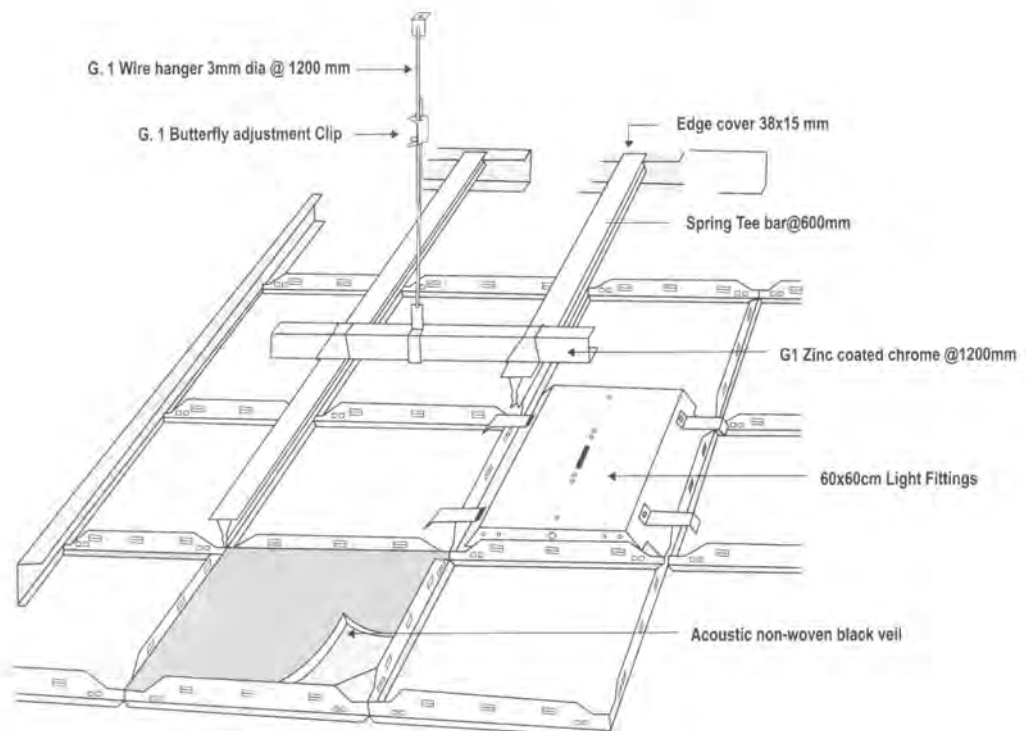
Panels are then clipped into the Spring Tee Carriers.

The Single Grid Concealed / Clip-in System

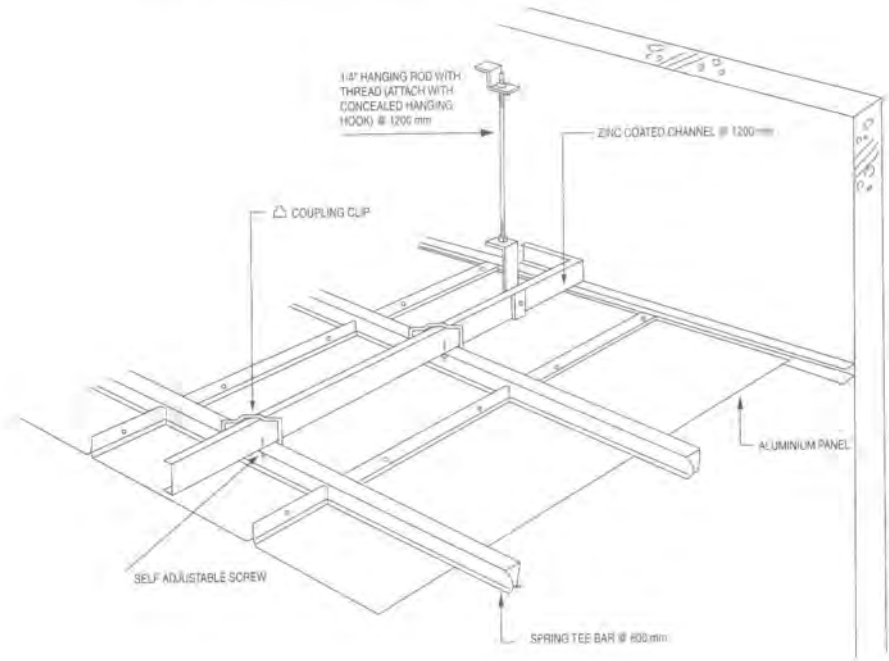
This consists of parallel spring tee runners, each runner supported by vertical hangers.



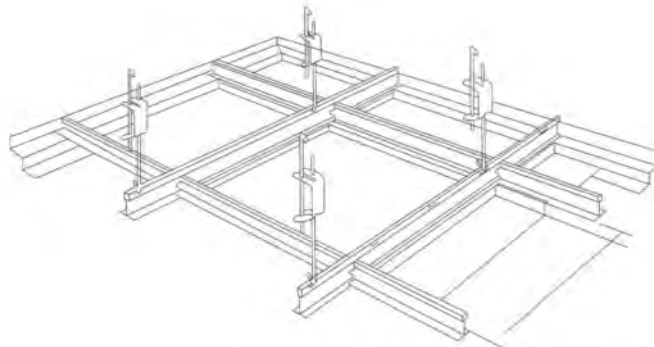
The Standard Double Grid Concealed / Clip-in System



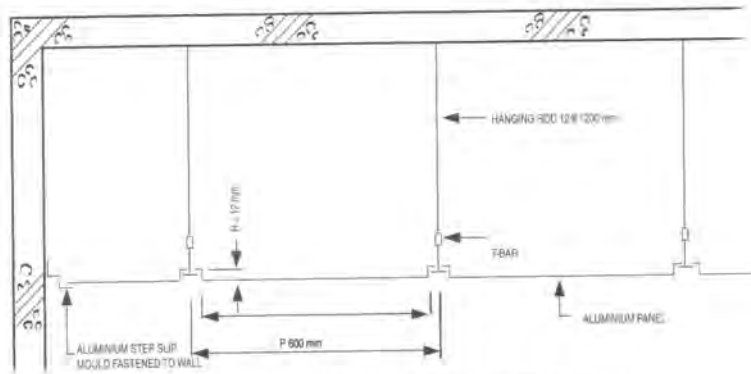
The Rigid Double Grid Concealed / Clip-in System



The Lay-in System



LAY-IN PANELS AND TEGULAR LAY-IN PANELS METAL CEILING & JUTTED SUSPENSION DETAIL



LAY-IN PANELS AND TEGULAR LAY-IN PANELS METAL CEILING SUSPENSION DETAIL

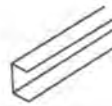


1. Wire hanger :
Type: Galvanized steel wire 3.0 mm diameter.

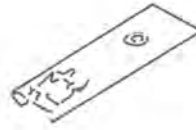
2. Adjustment Clips :
Type: 0.6 mm spring steel fixed to wire hanger.



3. Carrier :
Type: 0.6 mm Galvanized steel Spring Tee 4 M length.

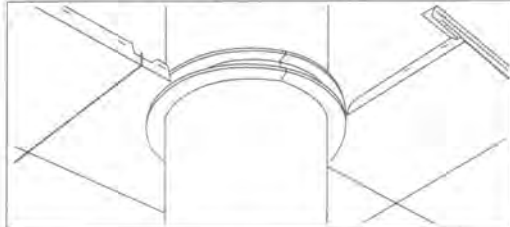


4. Edge trim :
Type: 0.6 mm Aluminium stove enamelled edging at right angles to the panels 15x38x15 mm in 3 M length standard.



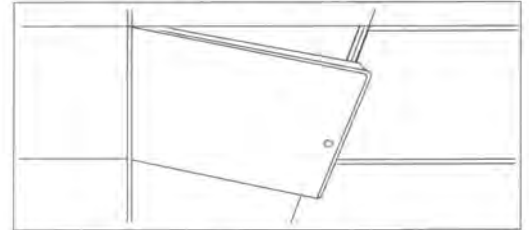
3. Carrier Splice :
Type: Galvanized steel splicing support for carriers, in 100 mm length.

Pillar Rings



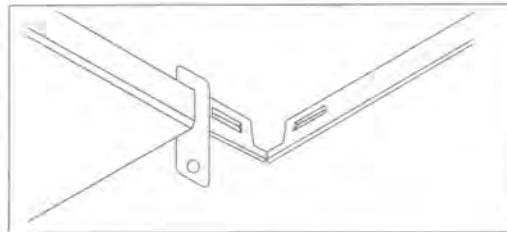
Pillar rings are supplied with overlapping ends allowing final cutting on site. The cut tiles must be pressed against the lower flange of the pillar ring by inserting 16mm packing pieces.

Access Hatch



Regular access to the ceiling void in the tile system is obtained by integrating **MATADOR®** access hatch. The access hatch is delivered in kit form for site assembly. Standard sizes available are 300x600mm and 600x600mm.

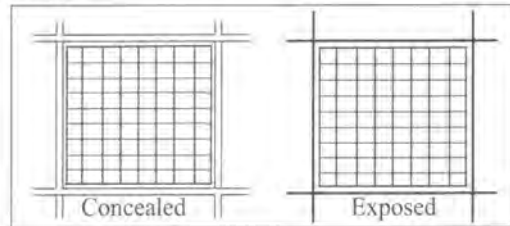
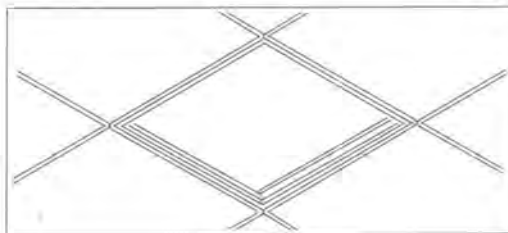
Dismantling



It is possible to remove individual tiles anywhere in the ceiling.

To remove, insert the dismantling tool close to the corner and pull down gently.

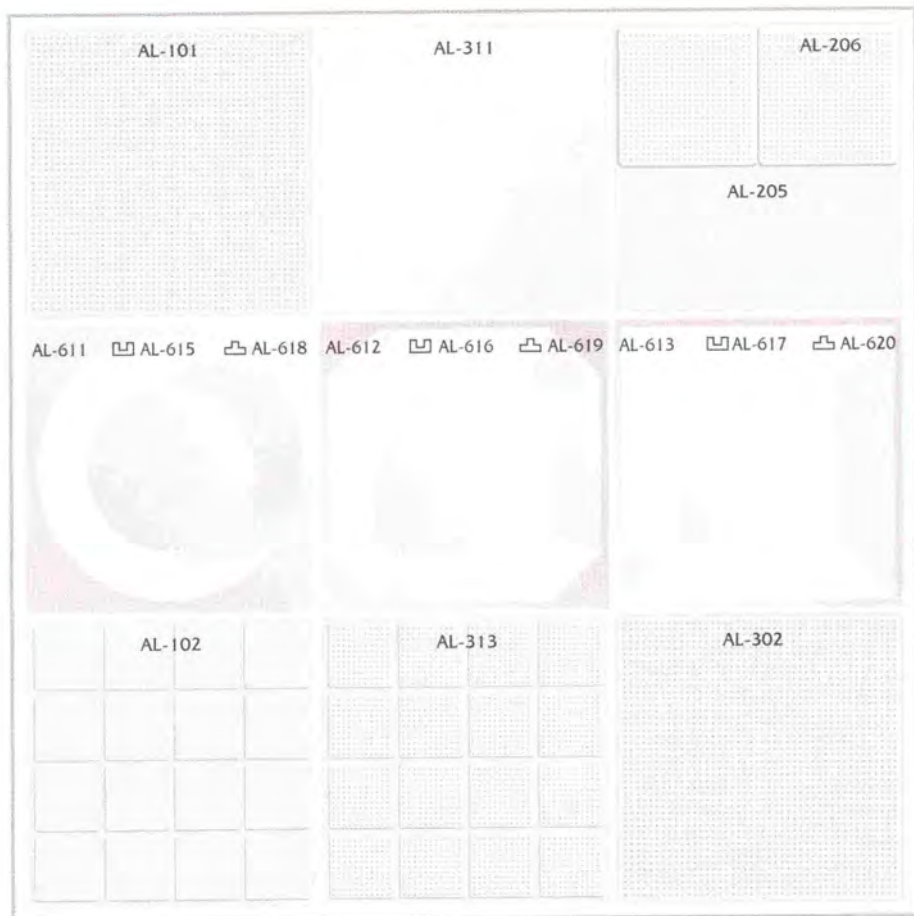
Lighting



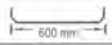




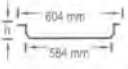
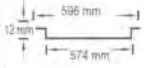

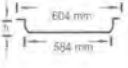


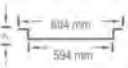
MATADOR® Light fittings are designed for easy integration and in any colour to match the ceiling.

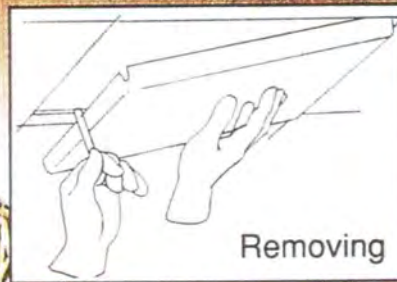
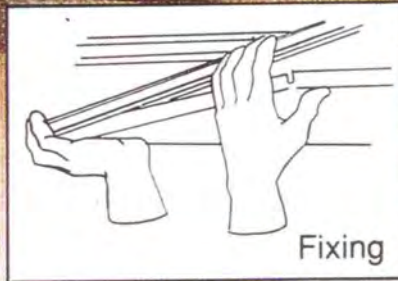
To avoid ceiling deflection, carrier support hangers must be positioned not more than 100mm from light fittings.

A chamfered edge frame, exactly fitting the space of a tile, is available in white standard colour to suit openings 300x300, 300x600, 600x600 and 600x1200mm.



PRODUCT REFERENCE

System Applied	Item	Size	Surface	Edge Angle	Lining	Mirror	Type	
Clip-in Concealed System	AL 101	0.7tm x 600mm x 600mm	Perforated	45° Bevel	*			
	AL 102	0.8tm/mx600mm x 600mm	4x4 Perforated	90° Square	*			
	AL 204	0.6tm/mx300mm x 300mm	Plain	45° Bevel		*		
	AL 205	0.6tm/mx300mm x 600mm	Plain	45° Bevel		*		
	AL 206	0.6tm/mx300mm x 300mm	Perforated	45° Bevel	*	*		
	AL 207	0.6tm/mx300mm x 600mm	Perforated	45° Bevel	*			
	AL 311	0.7tm/mx600mm x 600mm	Plain	45° Bevel			*	
	AL 313	0.8tm/mx600mm x 600mm	4x4 Plain	90° Square	*			
	AL 611	0.8tm/mx600mm x 600mm	Circular	45° Bevel				
	AL 612	0.8tm/mx600mm x 600mm	Concave Octagonal	45° Bevel				
	AL 613	0.8tm/mx600mm x 600mm	Concave Square	45° Bevel				
Lay-in System (Revealed)	AL 110	0.7tm/mx10hm x 584mmx584mm	Concave	45° Bevel	*			
	AL 115	0.7tm/mx15hm x 584mmx584mm	Perforated	45° Bevel	*			
	AL 120	0.7tm/mx20hm x 584mmx584mm	Perforated	45° Bevel	*			
	AL 125	0.7tm/mx25hm x 584mmx584mm	Perforated	45° Bevel	*			
	AL 302	0.7tm/mx25hm x 584mmx584mm	Perforated	90° Square	*			
	AL 312	0.7tm/mx20hm x 580mmx580mm	Perforated	90° Square		*		
	AL 322	0.7tm/mx12hm x 573mmx573mm	Plain	90° Square		*		
	AL 332	0.7tm/mx12hm x 573mmx573mm	Plain	90° Square	*			
	AL 510	0.7tm/mx10hm x 584mmx584mm	Perforated	45° Bevel		*		
	AL 515	0.7tm/mx15hm x 584mmx584mm	Plain	45° Bevel		*		
	AL 520	0.7tm/mx20hm x 584mmx584mm	Plain	45° Bevel		*		
	AL 525	0.7tm/mx25hm x 584mmx584mm	Plain	45° Bevel		*		
	AL 615	0.8tm/mx25hm x 580mmx580mm	Plain	90° Square				
	AL 616	0.8tm/mx25hm x 580mmx580mm	Circular Concave	90° Square				
	AL 617	0.8tm/mx25hm x 580mmx580mm	Octagonal Concave	90° Square				
	AL 618	0.8tm/mx25hm x 580mmx580mm	Square Concave	90° Square				
	AL 619	0.8tm/mx25hm x 580mmx580mm	Circular Convex	90° Square				
	AL 620	0.8tm/mx25hm x 580mmx580mm	Octagonal Convex	90° Square				
	Lay-in (T-BAR 14 W m/m) (Revealed Slim-Line)	AL 516	0.6tm/mx 8hm x 594mmx594mm	Plain	90° Square		*	
AL 530		0.6tm/mx15hm x 594mmx594mm	Plain	90° Square		*		
AL 540		0.6tm/mx20hm x 594mmx594mm	Plain	90° Square		*		
AL 550		0.6tm/mx25hm x 594mmx594mm	Plain	90° Square				
AL 116		0.6tm/mx 8hm x 594mmx594mm	Perforated	90° Square	*			
AL 130		0.6tm/mx15hm x 594mmx594mm	Perforated	90° Square	*			
AL 140		0.6tm/mx20hm x 594mmx594mm	Perforated	90° Square	*			
AL 150		0.6tm/mx25hm x 594mmx594mm	Perforated	90° Square	*			



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