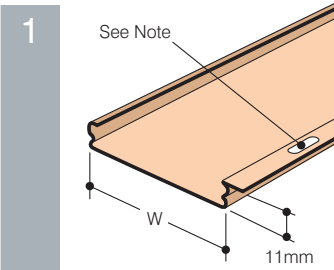
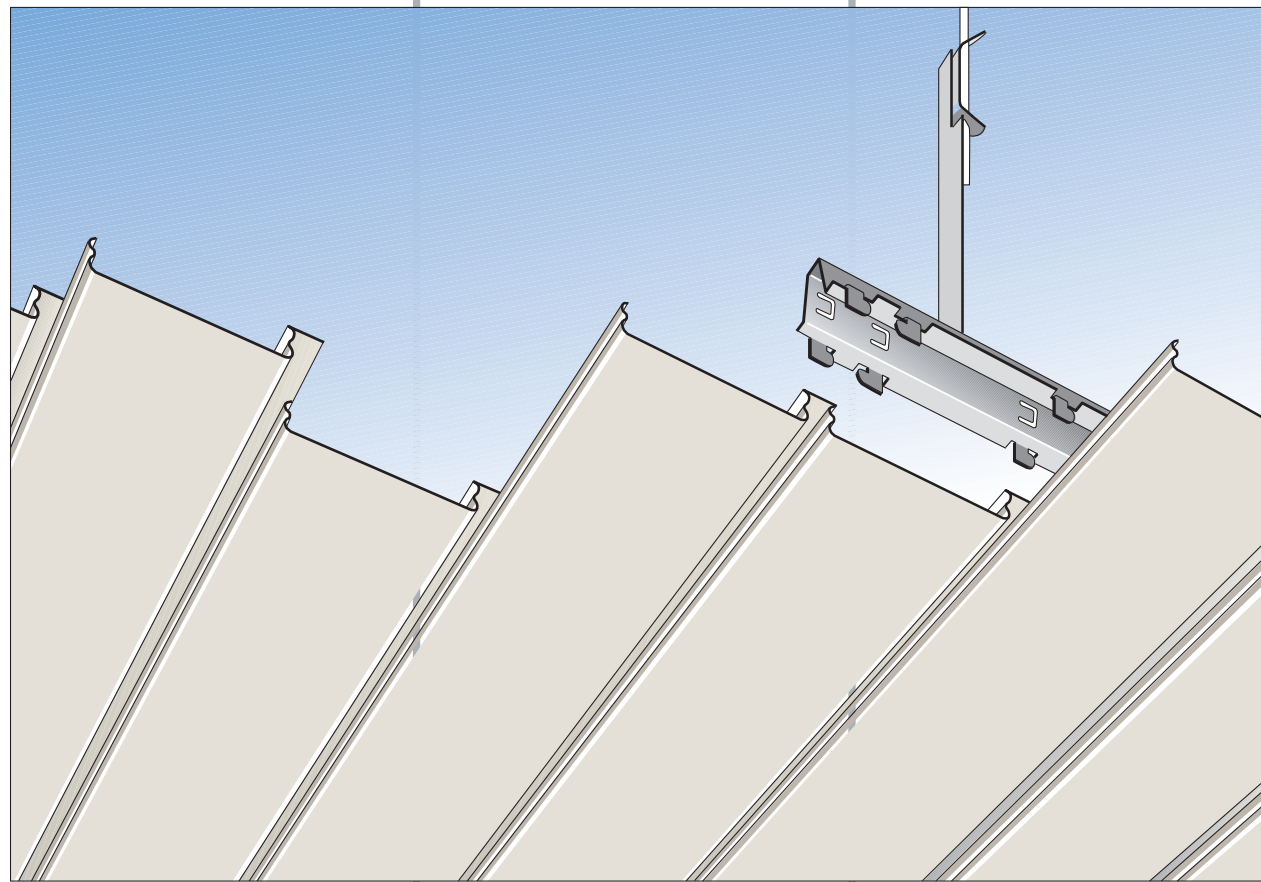




ShanghaiProfil

Fermulam H11

LINEAR METAL STRIP CEILING RANGE
(integral closed joint system)



Cold roll formed aluminium or zinc coated mild steel in thicknesses shown in Table 2.
Standard finish: stove enamel polyester paint in matt, semi-gloss or full gloss.
Standard colour: white similar RAL9010.

Special finishes: subject to minimum order quantity.
Standard length: to order between 1000mm min. and 5800mm max.

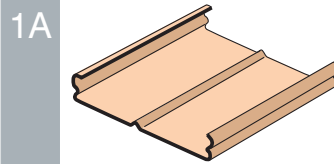
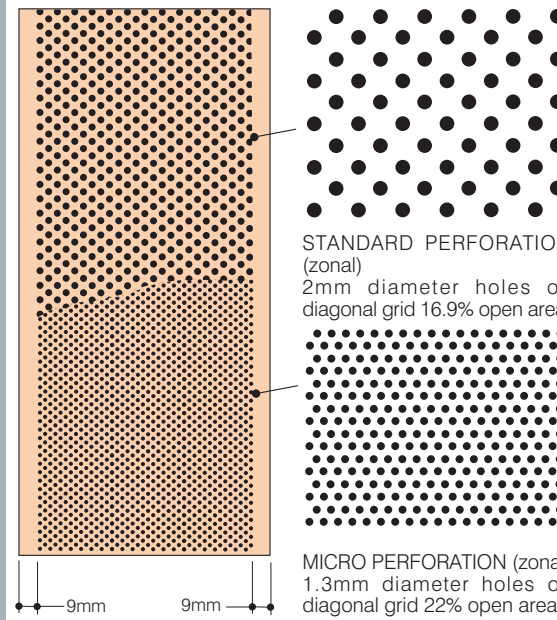
Note
Produced with 6mm x 22mm slots at 59mm centres for air distributing ceilings.

Table 2

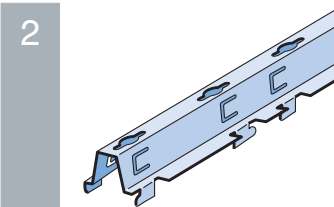
Legend:

W = profile width mm
H = profile height mm
Al = aluminium thickness mm
St = steel thickness mm

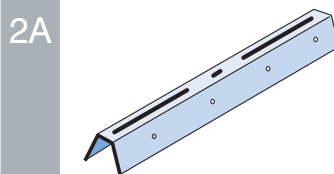
| Ref. | W | H | Al | Mo |
|----------|-----|----|-----|-----|
| F 85H11 | 85 | 11 | 0.5 | 100 |
| F 135H11 | 135 | 11 | 0.6 | 150 |
| F 185H11 | 185 | 11 | 0.6 | 200 |



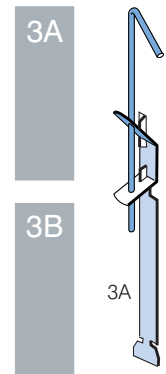
Splice channels for FERMULAM H11 profiles, 125mm long, metal as profile.



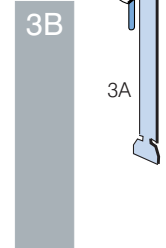
OMEGA carriers in cold roll formed 0.8mm thick aluminium or 0.6mm thick galvanised mild steel. Tongue spacings to suit FERMULAM H11 profiles.
Standard finish: matt black polyester stove enamel paint.
Standard lengths: 4000mm.
Overall size: 25mm deep x 53mm wide.



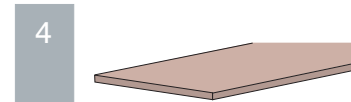
Channel coupler for OMEGA carriers in 0.6mm thick galvanised mild steel. Lengths to suit carriers. Finish as carrier.



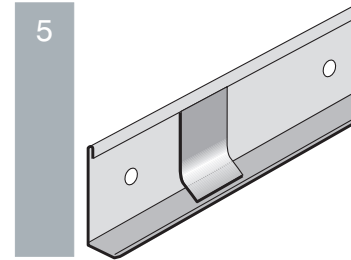
Butterfly suspension key hangers in 1.5mm thick galvanised mild steel, with spring clips and 4mm dia. rod.
Standard length: various between 125mm min. and 1000mm max. ceiling void depths.



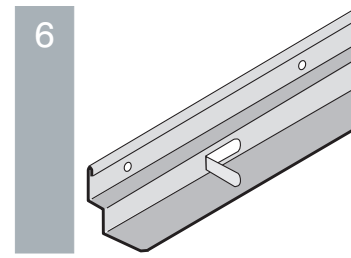
VERNIER hanger upper section in 1.0mm thick galvanised mild steel, paint finished, with 1.25mm thick galvanised mild steel bracket and 2.5mm dia. steel looped security pin.
Standard length: 2000mm upper section VERNIER hanger has section edges vee notched to provide 'easy break' positions at 62mm centres.



Perforated panels to have black tissue lining bonded to rear of panel.
Insulation pads fitted in panel on site when specified.
Standard 30mm thick 55kg/m³ with black tissue face.



Perimeter angle trim in cold roll formed 0.6mm thick galvanised mild steel.
Standard finish: white or black semi gloss stove enamel polyester paint.
Standard length: 4000mm.
Overall size: 40mm deep x 20mm wide.



Perimeter shadow line angle trim in metal, finish and lengths as (5).
Overall size: 44mm deep x 36.5mm wide. Shadow gap width = 12.5mm

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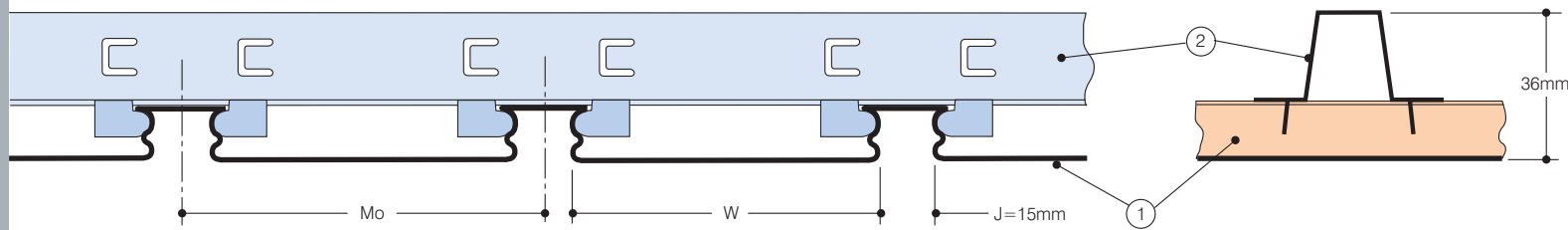


Fig.1 FERMULAM F85H-11 profile in cross section.

Fig.2 OMEGA carrier in cross section.

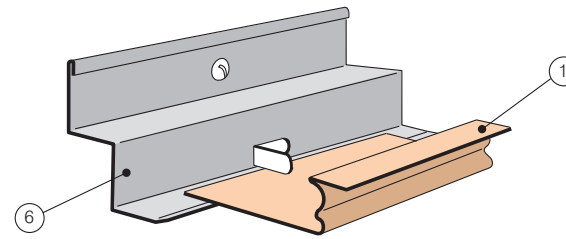


Fig.4 Perimeter angle with hold down tabs.

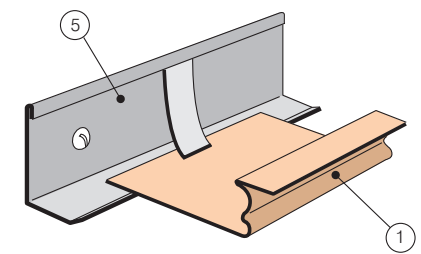


Fig.5 Perimeter angle with hold down clips.

Suspended from the structural soffit by adjustable hangers (3A) (Fig. 3) or (3B) (see rear page) Omega carriers (2) (Figs. 1, 2, 3) contain preformed tongues in their base over which FERMULAM H11 profiles (1) are clipped.

Either of the perimeter angles (5) (Fig. 5) or (6) (Fig. 4) can be used to cloak the cut edges of FERMULAM H11 profiles at walls and other abutments. The longitudinal edges are held down by clips on angle (5) and by pull out tabs on angle (6).

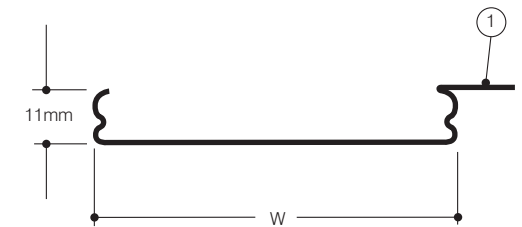


Fig.6 FERMULAM H11 profile.

Manufactured from light gauge aluminium or mild steel strip, the FERMULAM H11 'pencil edge' profiles (1) (Fig. 6) are fixed as shown to create demountable linear interior ceilings.

Three widths (W) of profile are offered to facilitate the range of ceiling modules (Mo) (Fig. 1) seen in Table 1.

The profiles can be supplied in plain (non perforated) metals or in either of two perforated forms shown on the rear page. Special finishes are subject to minimum order quantity. The horizontal projecting leg in the FERMULAM H11 profiles integrally forms 15mm wide continuous closed reveal joints (J) in the ceilings. This means that only those constructed from perforated profiles will act as sound absorbent membranes when overlaid with inert fibrous insulation materials (4) (Fig. 3). Plain profiles thus overlaid only provide a thermal insulating membrane. The projecting profile leg can incorporate slots so that FERMULAM H11 installations can function as air distributing ceilings by allowing air to flow through the slots from a pressurised ceiling plenum. Sealed insulation material (4) must be used in the space between the slotted joints.

Table 1 FERMULAM H11 range of linear ceiling profiles.
Legend: Mo = ceiling module mm
Column entries are FERMULAM H11 profile code no's where W= 85 - 135 - 185mm

| Profile item no. | Mo = 100 | Mo = 150 | Mo = 200 |
|------------------|----------|----------|----------|
| | F85H11 | F135H11 | F185H11 |

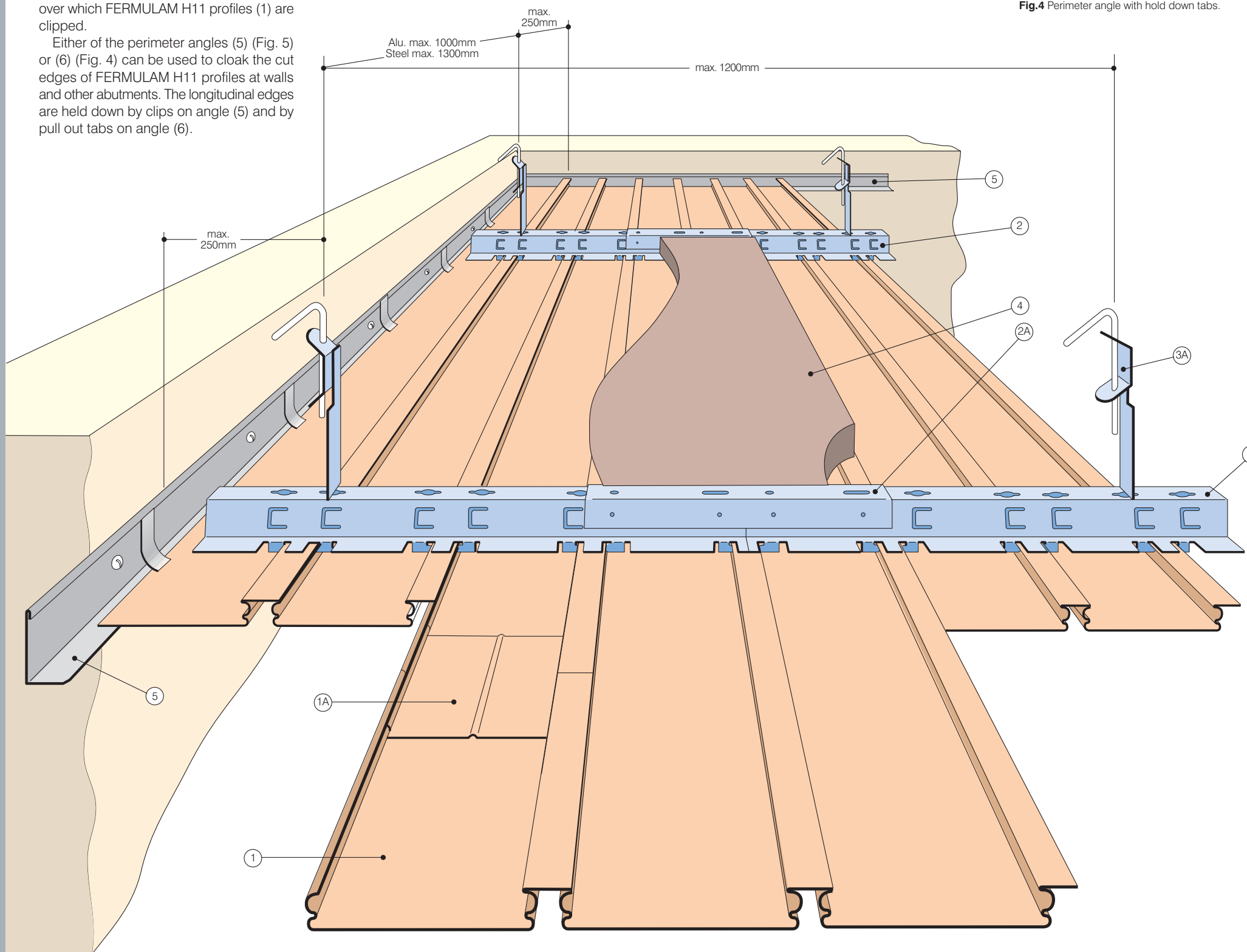


Fig.3 FERMULAM F85H11 ceiling assembly with span data.

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H11