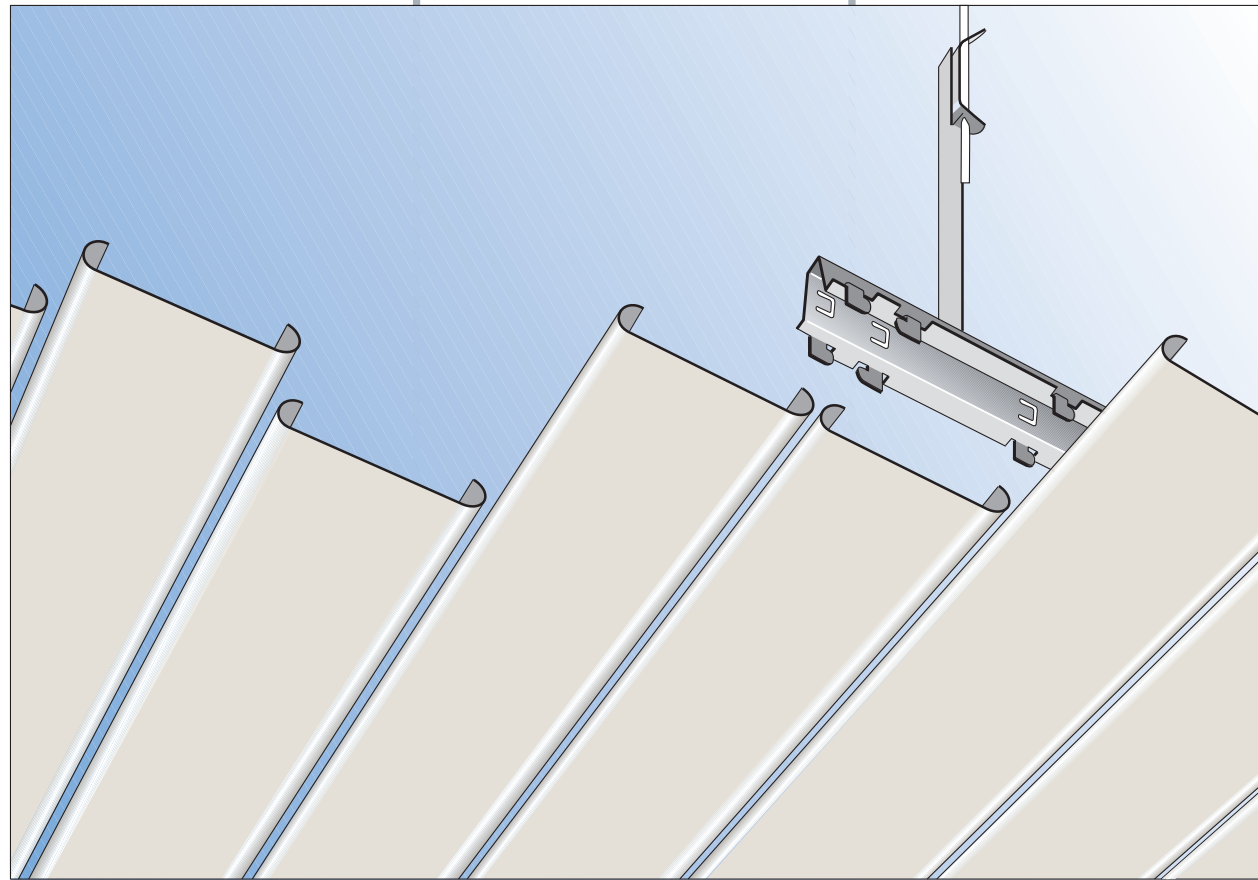


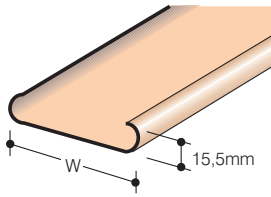


ShanghaiProfil

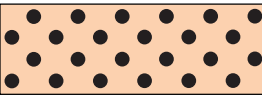
Premulam


LINEAR METAL STRIP PROFILE

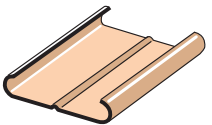


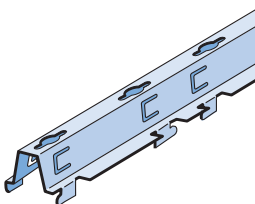
1  Cold roll formed 0.5mm thick aluminium.
Standard finish: stove enamel polyester paint in matt, semi gloss or full gloss.
Standard colour: white similar RAL 9010.
Standard length: to order between 1000mm min. and 5800mm max.

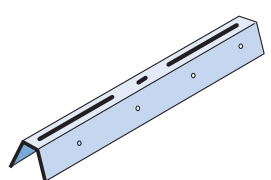
Ref.	W	H	Al	Mo
P 85H15	85	15	0.5	100
P 100H15	100	15	0.5	115


 **STANDARD PERFORATION (zonal)**
2mm diameter holes on diagonal grid. 16.9% open area.

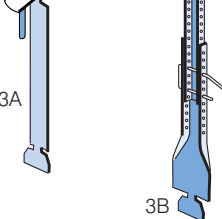
 **MICROPERFORATION (zonal)**
1.3mm diameter holes on diagonal grid. 22% open area.

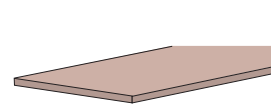
1A  Splice channels for PREMULAM profiles, 125mm long, metal as profile.

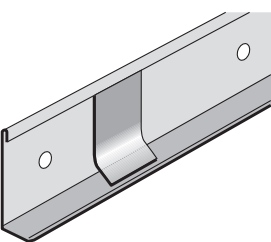
2  OMEGA carriers in cold roll formed 0.8mm thick aluminium or 0.6mm thick galvanised mild steel. Tongue spacings to suit PREMULAM profiles.
Standard finish: matt black polyester stove enamel paint.
Standard lengths: 4000mm.
Overall size: 25mm deep x 53mm wide.

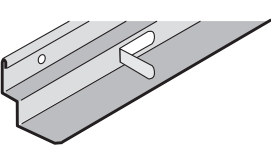
2A  Channel coupler for OMEGA carriers (2) in 0.6mm thick galvanised mild steel. Lengths to suit carriers. Finish as carrier.

3A  Butterfly suspension key hangers in 1.5mm thick galvanised mild steel, with spring clips and 4mm dia. rod.
Standard length: various between 125mm min. & 1000mm max. ceiling void depths.

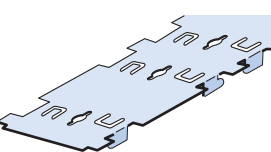
3B  Vernier hanger upper section in 1mm thick galvanised mild steel, paint finished, with 1.25mm thick galvanised mild steel bracket and 2.5mm dia. steel looped security pin.
Standard length: 2000mm upper section VERNIER hanger has section edges vee notched to provide 'easy break' positions at 62mm centres.

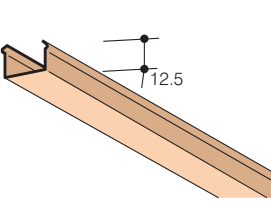
4  Perforated panels to have black tissue lining bonded to rear of panel.
Insulation pads fitted in panel on site when specified.
Standard 30 mm thick 55kg/m³ with black tissue face.

5  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.

6  Perimeter shadow line angle trim in metal, finish and lengths as (1).
Overall size: 44mm deep x 36.5mm wide. Shadow gap width = 12.5mm.

7 Reference number allocation to a component is based on its function in the ceiling system. No PREMULAM components suit 7 classification.

8  Flexible carriers (FC) in cold roll formed metals as (2). Tongue spacings to suit PREMULAM profiles. Finish and lengths as (2).
Overall width: 94mm.

9  Joint closure strip (VH) in cold roll formed 0.4mm thick aluminium. Finish and standard length as (1). Produced with 6mm x 22mm slots at 59mm centres for air distributing ceilings.

ShanghaiProfil Metal Ceiling Co., Ltd.
No. 30, Lane 1125, Nanliu Road,
Pudong New Area, 201300 Shanghai
P.R. China

Tel: (+86)-21-5803 3985
E-mail: info@shanghaiprofil.com
Fax: (+86)-21-5803 3990
Internet: www.shanghaiprofil.com

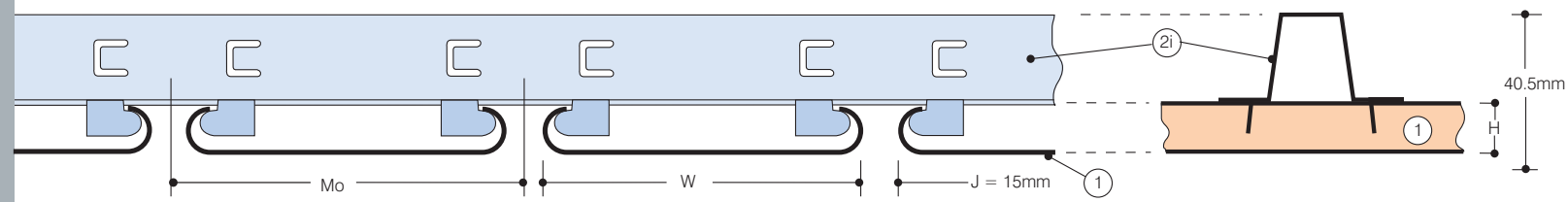


Fig.1 PREMULAM profile in cross section.

Fig.2 OMEGA carrier (2) in cross section.

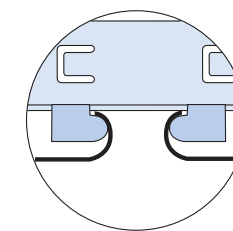


Fig.6 Open joint.

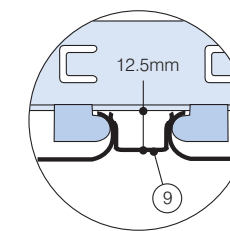


Fig.7 Closed joint (VH closure strip).

Suspended from the structural soffit by adjustable hangers (3A) (Fig. 4) or (3B) (see rear page), Omega carriers (2i) (Figs. 1, 2 & 4) contain preformed tongues in their base over which PREMULAM profiles (1) are clipped.

Either of the perimeter angles (5) (Fig. 3) or (6) (Fig. 5) can be used to cloak the cut edges of PREMULAM 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).

Table 1 Ceiling module range and profile sizes.

Legend Mo = ceiling module mm
W = ceiling width mm
J = joint width mm
H = profile height mm

Mo	Ref.	W	J	H
100	P 85H15	85	15	15
115	P 100H15	100	15	15

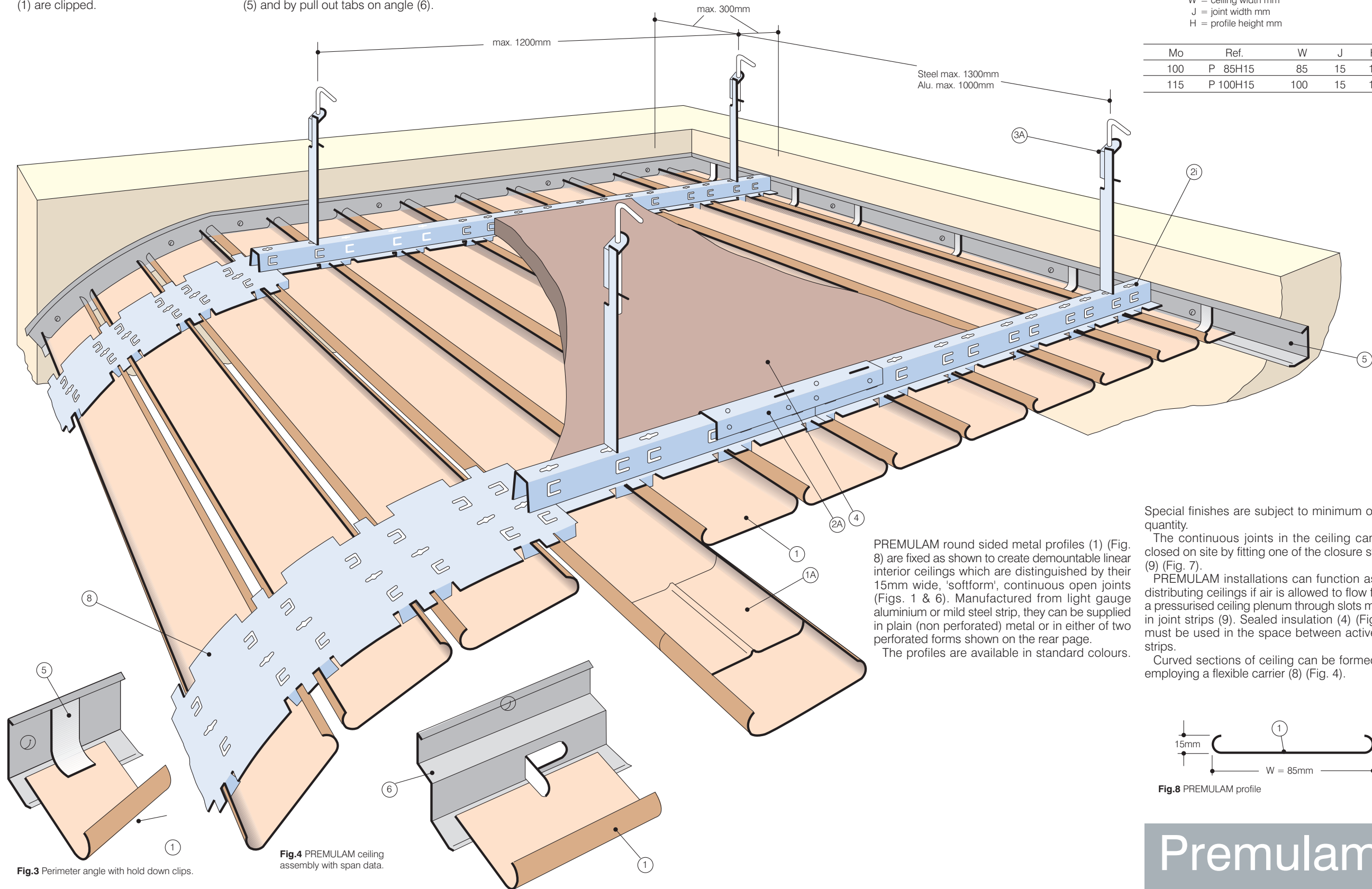


Fig.3 Perimeter angle with hold down clips.

Fig.4 PREMULAM ceiling assembly with span data.

Fig.5 Perimeter angle with hold down tabs.

PREMULAM round sided metal profiles (1) (Fig. 8) are fixed as shown to create demountable linear interior ceilings which are distinguished by their 15mm wide, 'softform', continuous open joints (Figs. 1 & 6). Manufactured from light gauge aluminium or mild steel strip, they can be supplied in plain (non perforated) metal or in either of two perforated forms shown on the rear page.

The profiles are available in standard colours.

Special finishes are subject to minimum order quantity.

The continuous joints in the ceiling can be closed on site by fitting one of the closure strips (9) (Fig. 7).

PREMULAM installations can function as air distributing ceilings if air is allowed to flow from a pressurised ceiling plenum through slots made in joint strips (9). Sealed insulation (4) (Fig. 4) must be used in the space between active air strips.

Curved sections of ceiling can be formed by employing a flexible carrier (8) (Fig. 4).

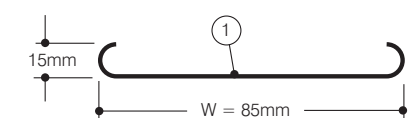


Fig.8 PREMULAM profile

Premulam