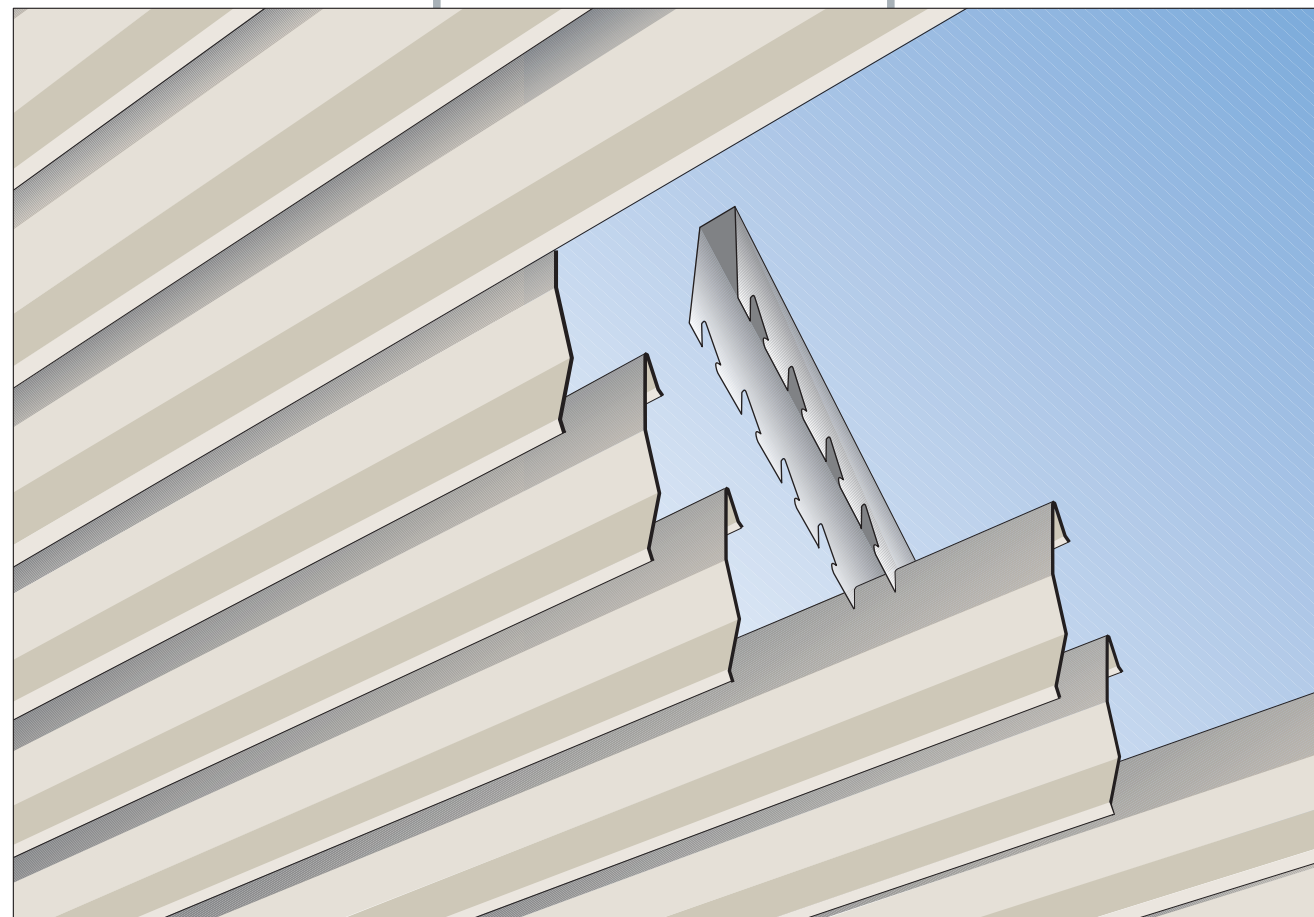




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# Ecranlux

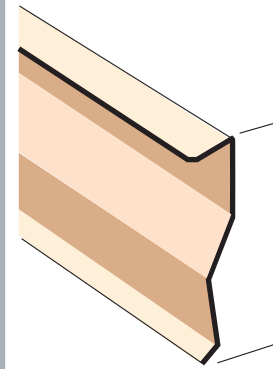
LINEAR METAL SCREEN PROFILES



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1



Cold roll formed aluminium or zinc coated mild steel in thicknesses shown in Table 1.

**Standard finish:** stove enamel polyester paint in matt, semi gloss or full gloss (see colour chart) BOTH SIDES OF PROFILE

**Colours:** standard as colour chart.

**Special finishes:** subject to minimum order quantity.

ALSO APPLICABLE TO TWO COLOUR PROFILES (ie different colours on opposite faces of profile)

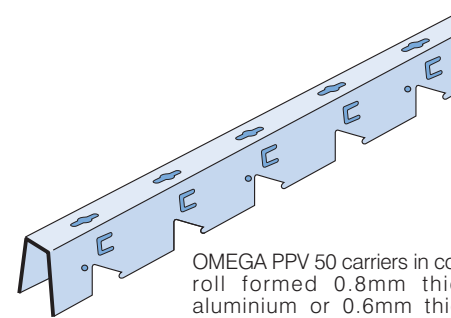
**Standard length:** to order between 1000mm min. and 5800mm max.

**Table 1**

**Legend:** H = panel height mm  
Al = aluminium thickness mm  
St = mild steel thickness mm

Ref.	H	Al	St
E100	100	0.5	0.4
E150	150	0.6	0.4
E200	200	0.6	0.5

2



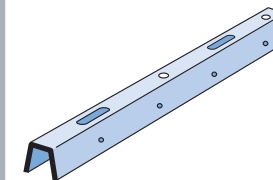
OMEGA PPV 50 carriers in cold roll formed 0.8mm thick aluminium or 0.6mm thick galvanised mild steel. Punched cutout centres = 50mm.

**Standard finish:** matt black or white polyester stove enamel paint.

**Standard length:** 4000mm.

**Overall size:** 39.5mm deep x 25mm wide.

2A



Channel coupler for OMEGA PPV 50 carriers in 0.6mm thick galvanised mild steel.

**Standard length:** to suit carrier.  
Finish as carrier.

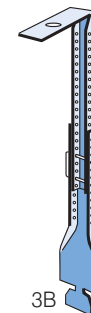
3A



Butterfly suspension key hangers in 1.5mm thick galvanised mild steel, with spring clips and 4mm dia. rod

**Standard length:** various between 125mm min. and 1000mm max. ceiling void depths.

3B



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.

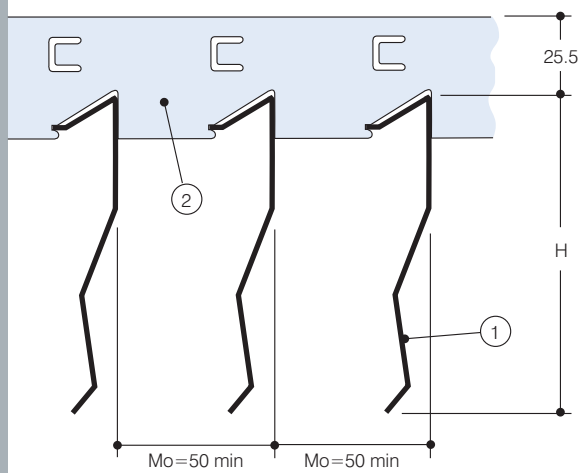


Fig. 1 ECRANLUX profile in cross section

Suspended from the structural soffit by adjustable hangers (3A) (Fig. 3) or (3B) (see rear page), Omega carriers (2) (Figs. 1, 2 & 3) contain prepunched cutouts at 50mm centres in both of their splayed legs.

The cutouts accept the lipped ridge of the ECRANLUX profile (1) which is snap fixed in position having first pinched the ridge section immediately adjacent to the cutout entry. Removal of the profile is effected by the same action but in reverse.

The ends of ECRANLUX profiles are overlapped as shown in Figs. 3 & 4 using a staggered line configuration, or are 'gapped in line' as seen in Figs. 3 & 5. Similar gaps are created when the ECRANLUX profiles are terminated a consistent distance from walls perpendicular to their linear axis. Because of the free floating nature of ECRANLUX ceiling assemblies, adequate bracing of their suspension is necessary to prevent disturbance by maintenance personnel, or other parties, after buildings are occupied.

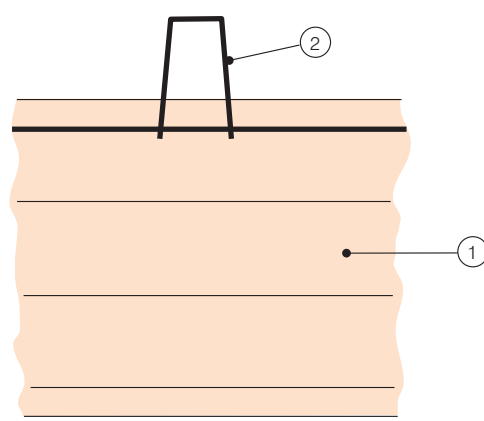


Fig. 2 OMEGA carrier in cross section

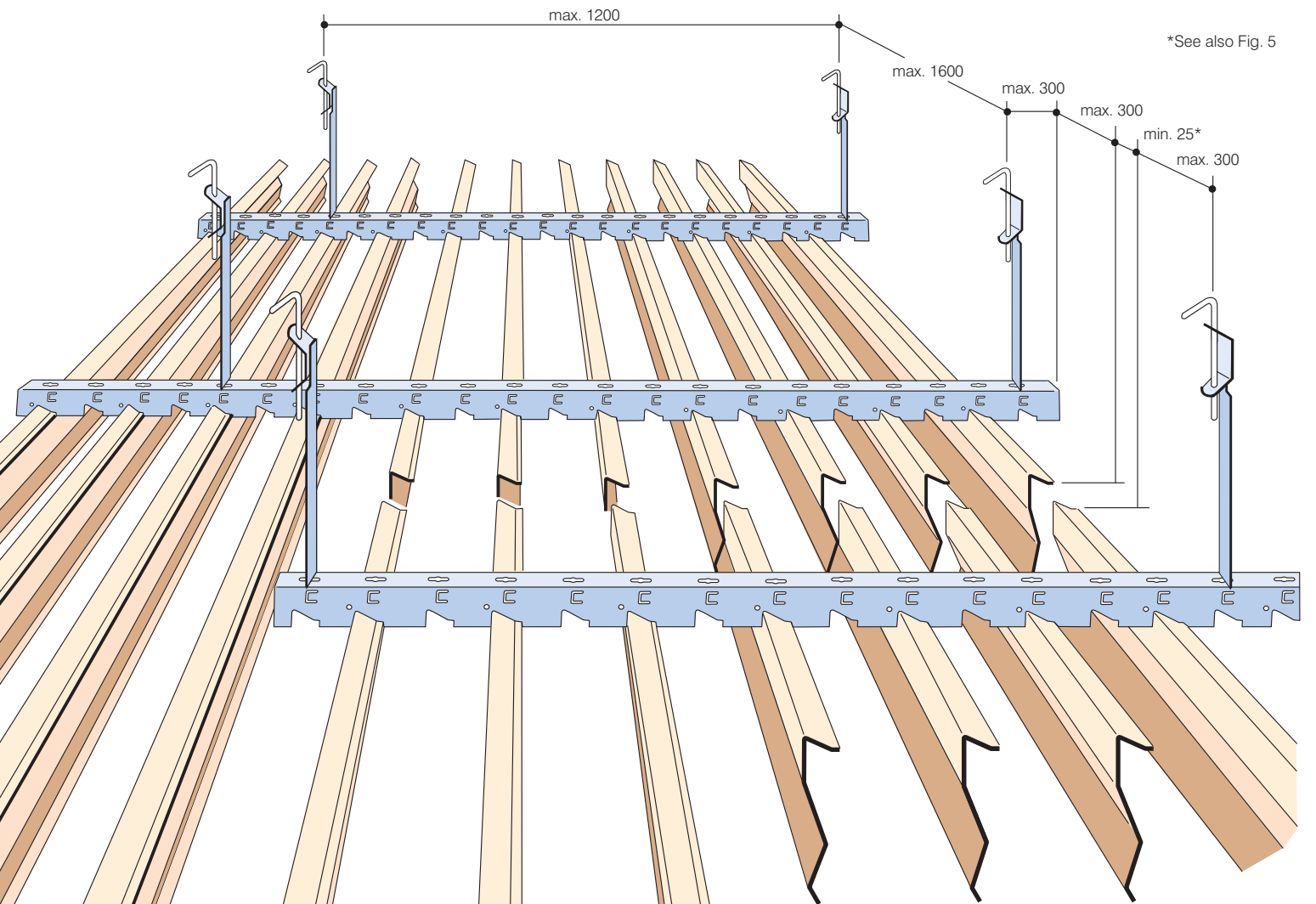


Fig. 3 ECRANLUX ceiling assembly with span data

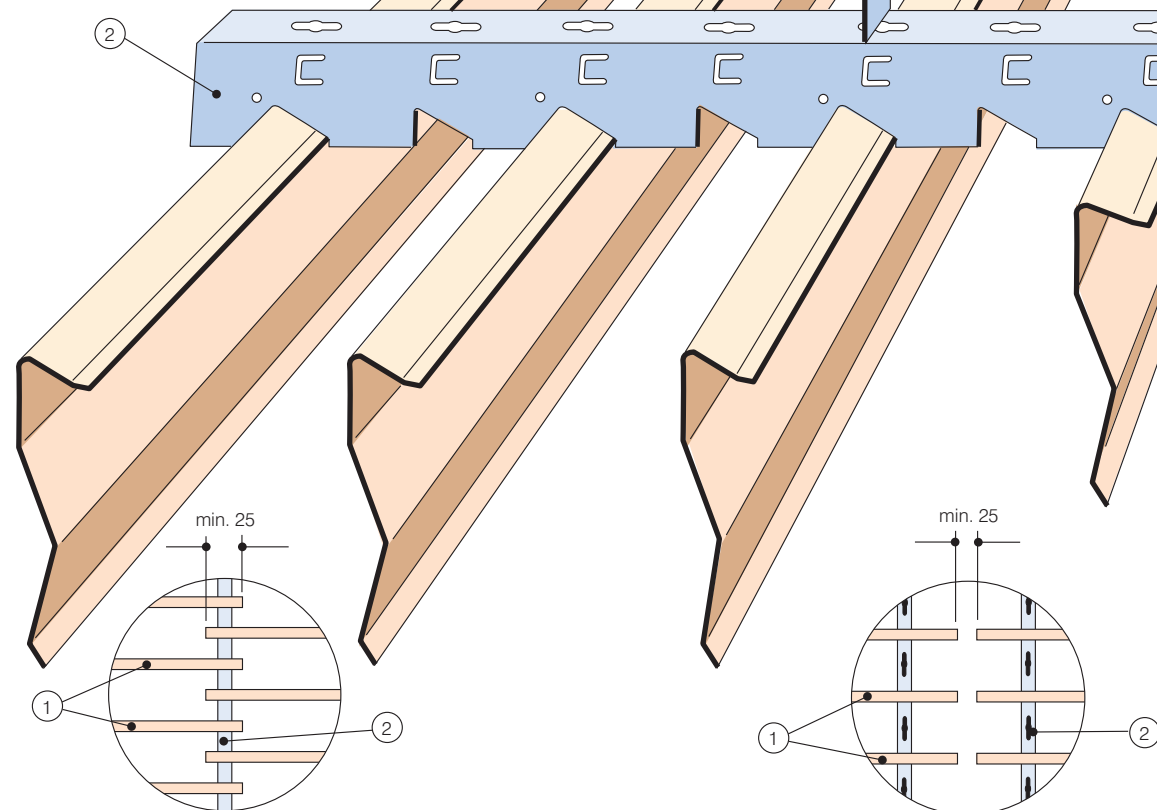


Fig. 4 Staggered line (with overlap) configuration

Fig. 5 'Gapped in line' configuration

ECRANLUX linear screen interior ceilings provide directional visual masking of overhead building services, yet offer minor restrictions to their operation and maintenance access, because of the considerable open aspect presented by free hanging screen profiles and because of the ease with which they can be removed. Thus light source shielding combines with effective light diffusion and sprinkler head or air terminal concealment, with unimpeded discharge or throw.

The ceilings are especially effective in airport concourses, exhibition halls, shopping malls and corridors when the screen's linear axis is disposed contrary to the predominant directional flow of pedestrian traffic. Manufactured from plain (non perforated) light gauge aluminium or mild steel strip, the 'humpbacked' profiles (1) (Fig. 6) in the ECRANLUX range are top hung from their suspension system (Figs. 1 & 3) at centres appropriate to the scale and height of the building space, which will determine the observer's viewing angle and the consequent screening effect.

Similar considerations shall be given to the selection of an appropriate profile height (H) (Fig. 6), of which the ECRANLUX range provides a choice of three: 100, 150 and 200mm.

The profiles are available in the full range of colours listed in the company's colour chart. special finishes or two colour versions (ie. different colours on opposite faces of the profile) are subject to minimum order quantity.

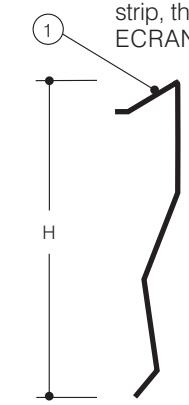


Fig. 6 ECRANLUX profile

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