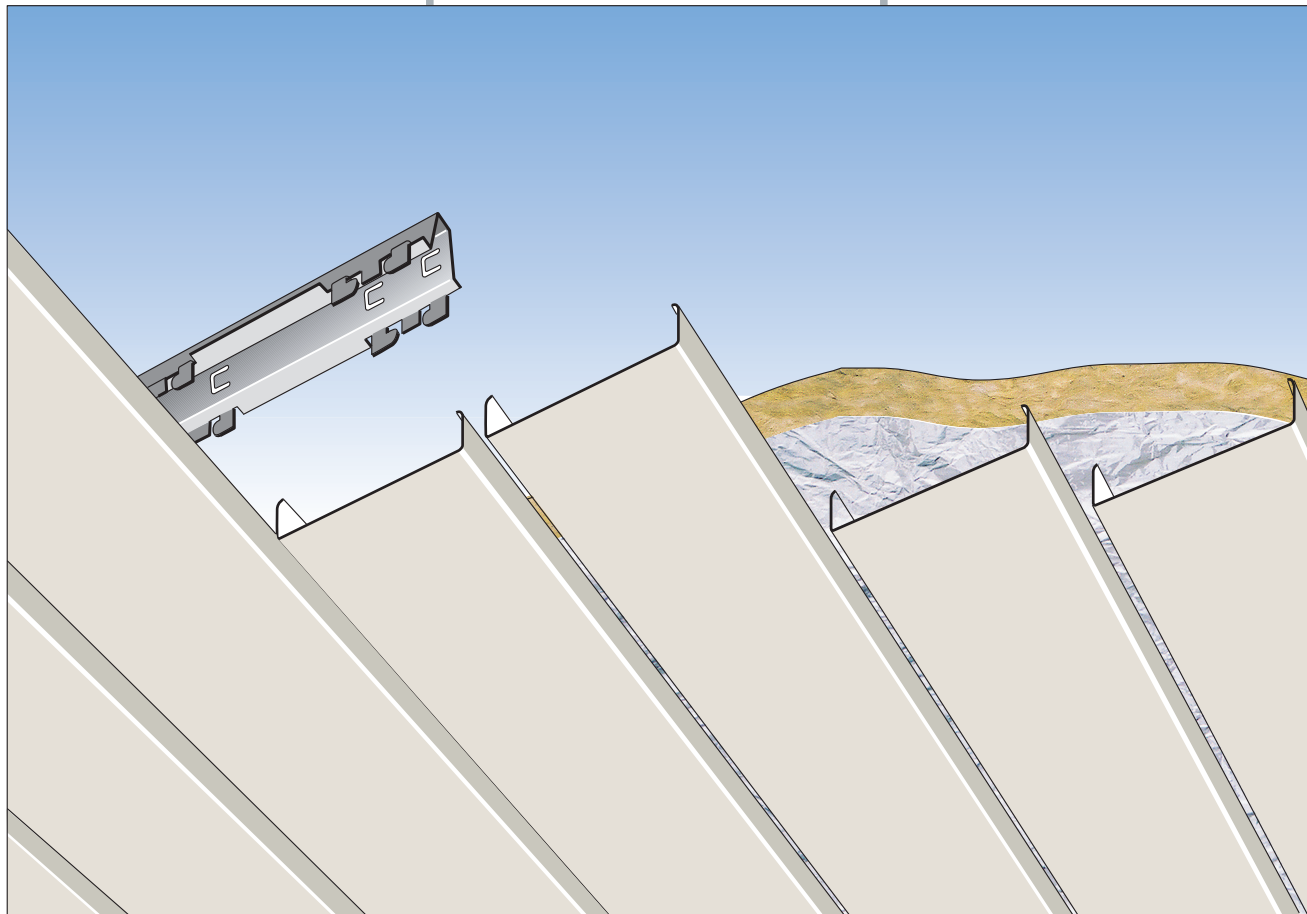




# NordProfil

## Fortilux 75H-25

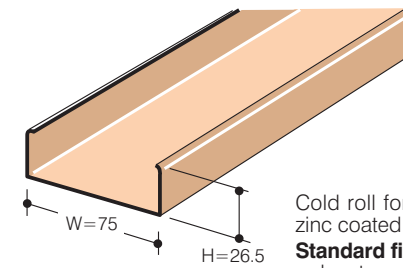
IMPACT RESISTANT CEILING  
(Linear steel strip)



**Nord Profil Deutschland  
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1



Cold roll formed 0.8mm thick zinc coated mild steel.

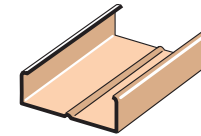
**Standard finish:** stove enamel polyester paint in matt, semi gloss or full gloss (see colour chart).

**Colours:** standard as chart no.1:white

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

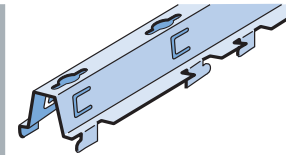
**Standard length:** to order between 1000mm min. and 5800mm max.

1A



Splice channels for FORTILUX profiles, 125mm long, metal as profiles.

2



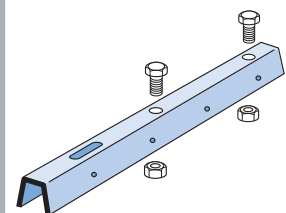
OMEGA 75 carrier in cold roll formed 0.8mm thick galvanised mild steel.

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

**Standard length:** 4000mm.

**Overall size:** 25mm deep x 53mm wide.

2A

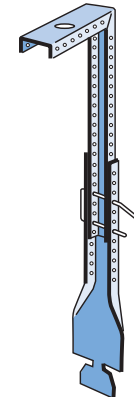


Channel coupler for OMEGA 75 carrier in 0.6mm thick galvanised mild steel x 195mm long.

Finish as carrier.

The 2 no's machine screws shown to be supplied by ceiling installer.

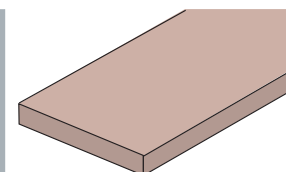
3



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.

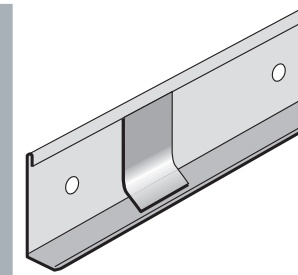
**Standard length:** VERNIER hanger 2000mm (cut and bend on site to suit ceiling void depth).

4



Standard 25mm thick 45kg/m<sup>3</sup> density rockwool or 20mm thick 20kg/m<sup>3</sup> density glasswool, both with black tissue face. Also available encased in polythene, pvc or aluminium foil.

5



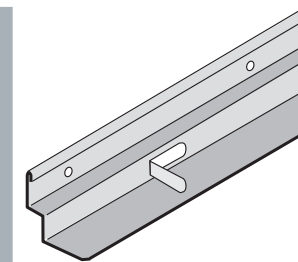
Perimeter angle trim in cold roll formed 0.6mm thick galvanised mild steel.

**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 (5).

**Overall size:** 44mm deep x 36.5mm wide. Shadow gap width = 12.5mm

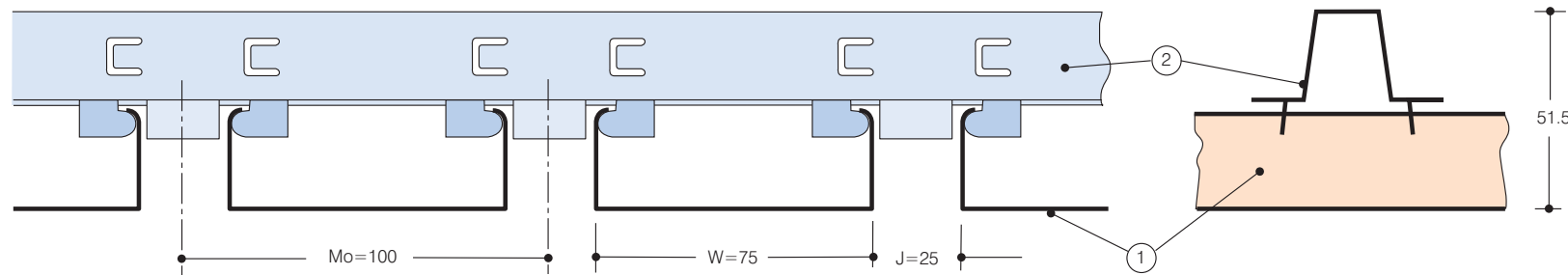


Fig.1 FORTILUX profile 75H-25 in cross section. scale 1:2

Fig.2 OMEGA 75 carrier in cross section. scale 1:2

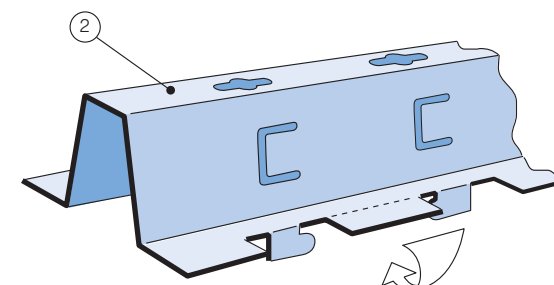


Fig.4 Tab locking action, see text opposite page. Note that FORTILUX 75H-25 profiles are not shown for clarity reasons

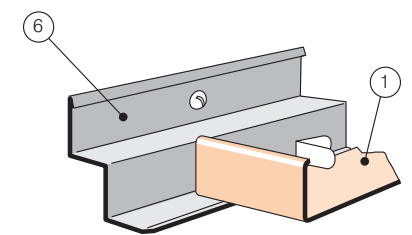


Fig.5 Perimeter angle with hold down tabs

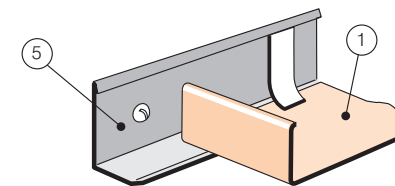


Fig.5 Perimeter angle with hold down clips

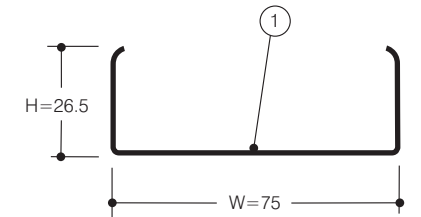


Fig.7 FORTILUX profile 75H-25

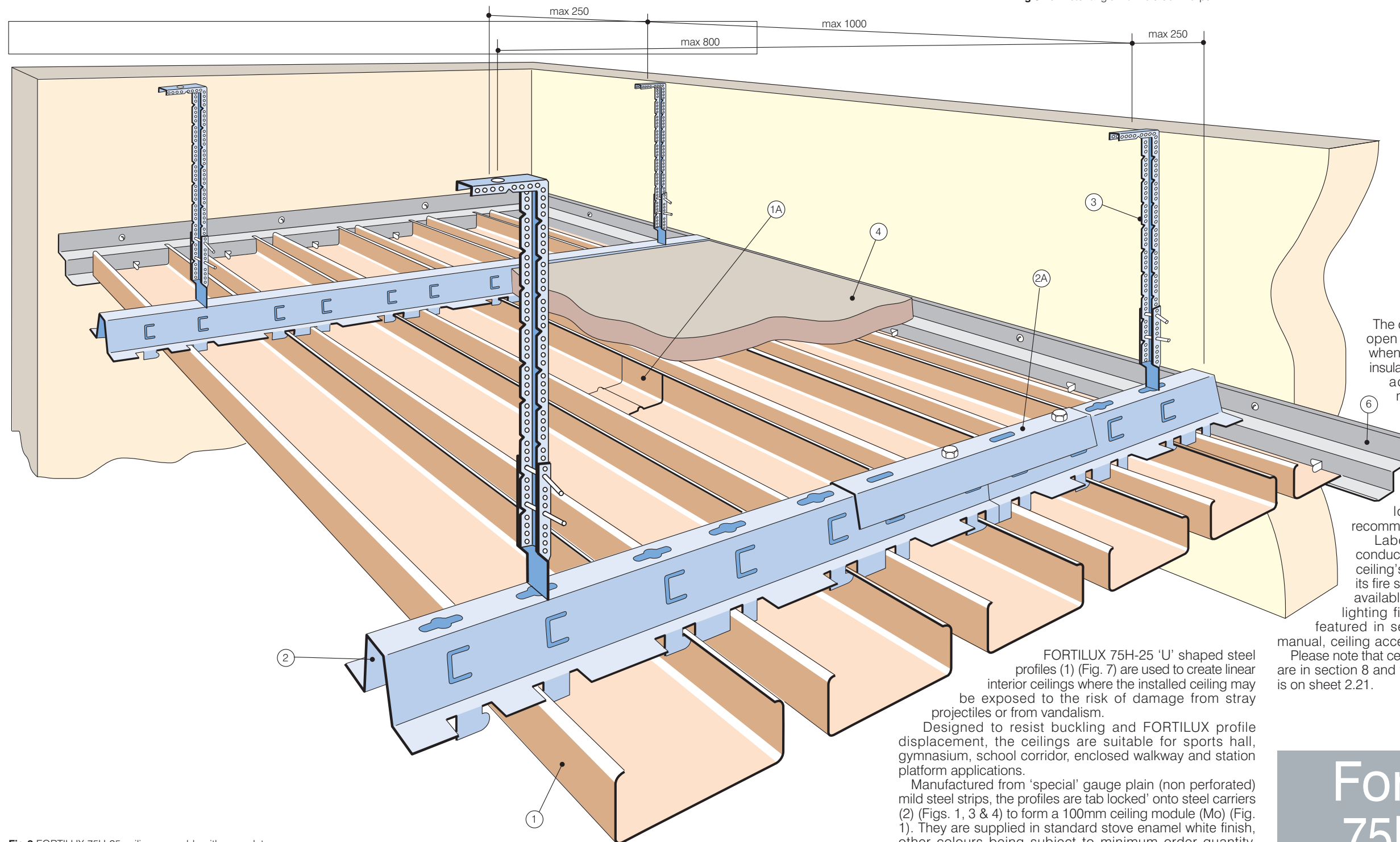


Fig.3 FORTILUX 75H-25 ceiling assembly with span data

The ceilings contain continuous open joints (J) (Fig. 1) so that when overlaid with inert fibrous insulation material (4) (Fig. 3) they act as sound absorbing membranes.

The 'tab locking' feature can be reversed to allow profiles to be removed from the ceiling, however, should frequent access to the ceiling void be required, local access panels are recommended.

Laboratory tests have been conducted to establish FORTILUX ceiling's resistance to impact and its fire stability; details of these are available on request. Fluorescent lighting fittings and spotlights are featured in section 6 of our technical manual, ceiling access panels on sheet 7.03. Please note that certificated performance data are in section 8 and typical specification layout is on sheet 2.21.

FORTILUX 75H-25 'U' shaped steel profiles (1) (Fig. 7) are used to create linear interior ceilings where the installed ceiling may be exposed to the risk of damage from stray projectiles or from vandalism. Designed to resist buckling and FORTILUX profile displacement, the ceilings are suitable for sports hall, gymnasium, school corridor, enclosed walkway and station platform applications. Manufactured from 'special' gauge plain (non perforated) mild steel strips, the profiles are tab locked' onto steel carriers (2) (Figs. 1, 3 & 4) to form a 100mm ceiling module (Mo) (Fig. 1). They are supplied in standard stove enamel white finish, other colours being subject to minimum order quantity.

Fortilux  
75H-25