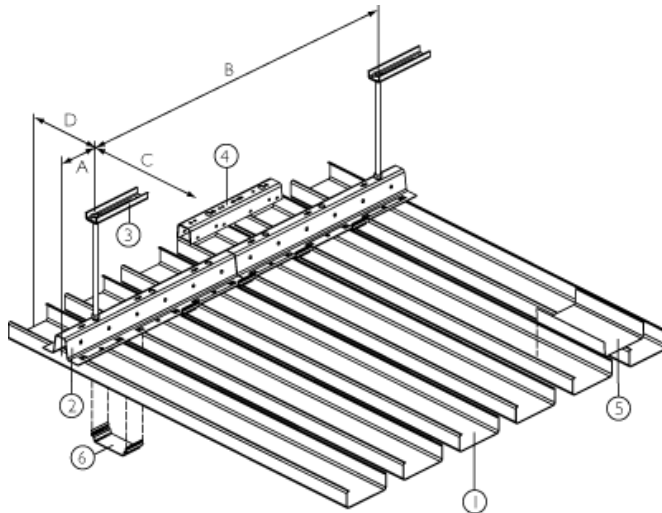
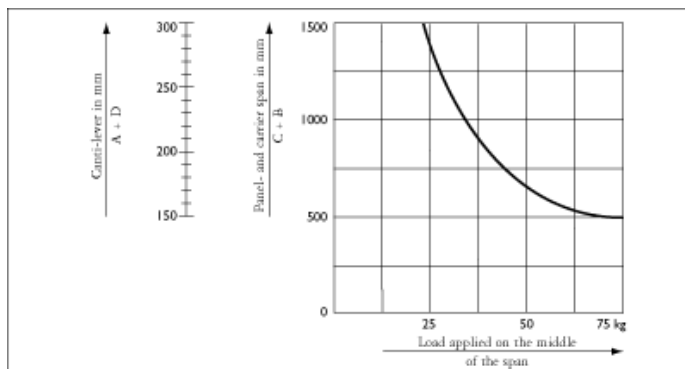


Construction Details - 70U

System overview



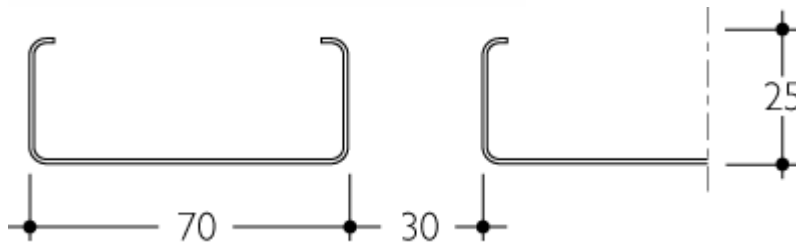
- 1= 70U panel
- 2= carrier
- 3= hanger
- 4= carrier splice
- 5= panel splice
- 6= panel fixing clip



Panel type	Carrier span (mm)				Panel span (mm)	
	Steel 1.0		Alu 0.95		C	D
70U	A	B	A	B		
Alu 0.8	300	1700	300	1350	1500	150
Steel 0.8	300	1400	N.A.	N.A.	1500	150

Characteristics

- Box shaped panels with 30mm wide open joints that enhance the linear appearance.
- Panels can be supplied in any length up to 6000 mm (as standard)



- Panels and carriers are available as standard in steel and aluminium which are both fully recyclable.
- Steel carriers and steel panels are purpose designed for sport hall applications.
- Aluminium carriers combined with aluminium panels can also be used either for exterior applications or swimming pools.
- Fixing clips fitted on the carriers between the panels provide secure locking of the panels.

Panel	Width (mm)	Height (mm)	Module (mm)	Min. length	Max. length	Weight panels & carriers/m ² *	
						Steel carrier	Alu. carrier
Alu 0.8	70	25	100	1000	6000	3.27	2.9
Steel 0.8	70	25	100	1000	6000	8.3	N.A.

* Based on panels installed on 3 or more carriers. Panels from 250-1000mm and >6000mm are available on request.

- Optimal acoustic control by using PE-wrapped acoustic pads laid between the carriers on top of the panels.
- Easily demountable panels and fixing clips allowing full access to services and equipment in plenum.
- Base Material: Luxalon® 70U panels are roll formed from 0.8 mm thick pre-painted stove enamelled aluminium strip or from 0.8 mm thick pre-painted stove enamelled galvanised steel strip
- Coating: the tough and durable 2-layered polyester finish in a nominal thickness of approximately 20 microns, is stove enamelled in a continuous coil-coating process ensuring uniform coating thickness and absolute adhesion. The aluminium panels are also available with Luxacote® finish.

Fire behaviour

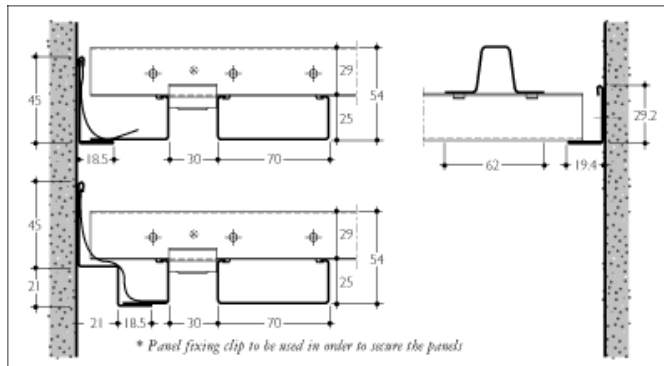
Luxalon® metal suspended ceilings re classified incombustible and will therefore not contribute to possible fires. When ceilings however need to protect the structural integrity of the building, Luxalon® ceilings offer a range of practical and tested solutions with regards to fire stability. Further information is available on request.

Material per sqm

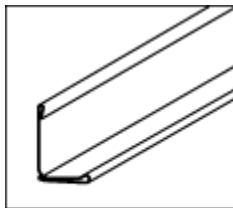
	Unit	70U ceiling system
Panels	lm	10
Carriers	lm	0.67
Carrier splice	pcs	0.13
Suspension	pcs	0.89
Panel fixing clips	pcs	6.7

Edge profiles and other accessories depend on individual project requirements
Figures are based on maximum spans

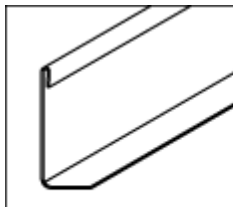
Construction details



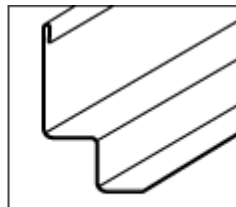
Edge profiles



Wall L-profile alu
(29.2 x 19.4)



Wall L-profile Fe/Alu
(45 x 18.5)



Wall W-profile Fe/Alu
(45 x 21 x 21 x 18.5)