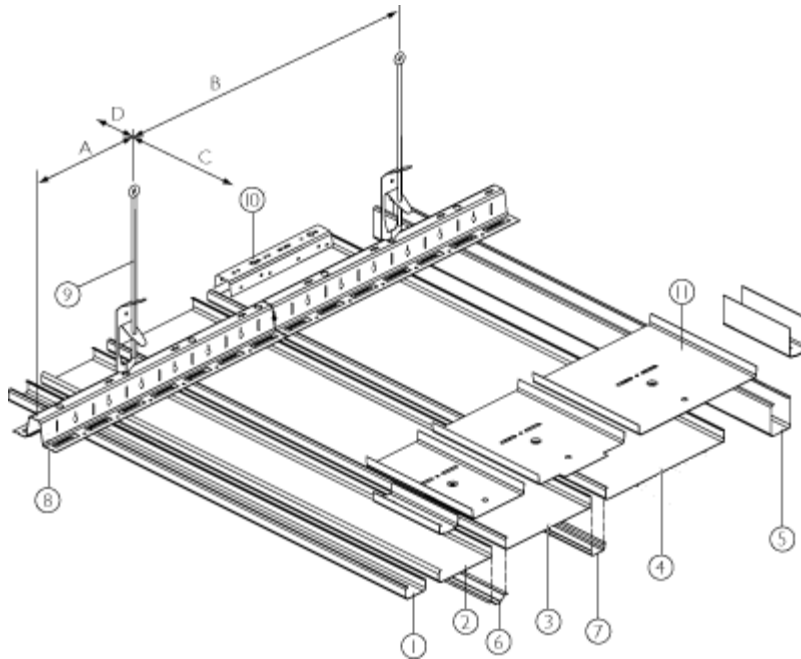


Construction Details - 30B / 80B / 130B / 180B / 30BD

System overview



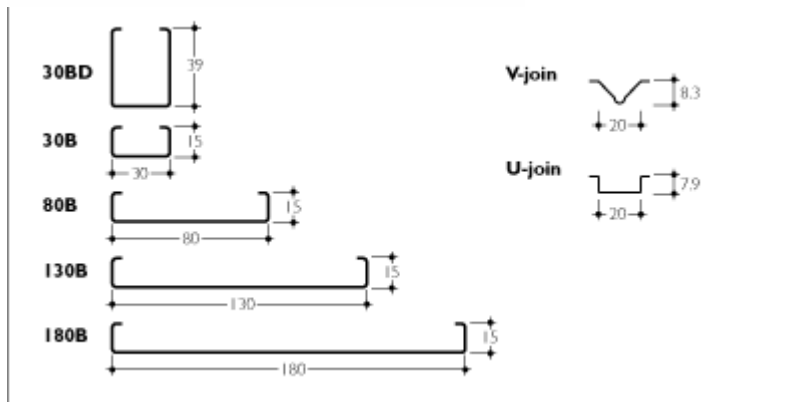
- | | |
|-----------------------------|-----------------------------|
| 1 = 30B panel | 7 = Recessed U-join profile |
| 2 = 80B panel | 8 = Multi-Panel Carrier |
| 3 = 130B panel | 9 = Hanger |
| 4 = 180B panel | 10 = Carrier splice |
| 5 = 30BD panel | 11 = Panel splice |
| 6 = Recessed V-join profile | |

Panel type	Carrier span (mm)		Panel span (mm)			
	A	B	on 2 carriers		on 3 or more carriers	
			C*	D	C*	D
30BD	300	1700	2500	150	2500	150
30B/80B	300	1700	1550	150	1850	150
130B	300	1700	1450	150	1550	150
180B	300	1700	1350	150	1450	150

* Minus 200 mm in case of acoustic pads.

Characteristics

- All panels can be clipped onto an integrated carrier.
- The combination of narrow and wider panels on one carrier offers various dimensional effects



- Panels combined with joint profiles provide a visually closed ceiling.
- Panels can be supplied in any length up to 6000 mm (i.e., as standard)
- Open joint system for any application requiring up to 20% open area.
- Optimal acoustic control by using perforated panels with closed joints and a non-woven textile membrane bonded to the inside face.
- Panels are lightweight yet strong aluminium which can be recycled for the full 100%, requiring very little energy.

Panel type	30BD	30B	80B	130B	180B
Thickness	0,5	0,35	0,5	0,5	0,6
Width	30	30	80	130	180
Module	50	50	100	150	200
Depth	39	15	15	15	15
Min. Length	800	800	800	800	800
Max. Length*	6000	6000	6000	6000	6000
Weight/m ²					
- excl. joint profiles, - incl. steel carrier**	3,2 kg	1,5 kg	1,8 kg	1,8 kg	2,1 kg
- excl. joint profiles, - incl. steel carrier**	3,8 kg	2,1 kg	2,1 kg	2,0 kg	2,2 kg

* Panels > 6000 mm available on request

** Based on panels installed on 3 or more carriers

- Demountable panels, which allows full access to services and equipment in plenum.
- Different joint options: Recessed U-Joint (20mm), Recessed V-Joint (20mm) and Software panel (70mm wide)
- Base Material: Luxalon® multi-Panel ceiling panels are roll formed from 0.35 mm (30B), 0.5 mm (30BD / 80B / 130B) or 0.6 mm (180B) thick pre-painted stove enamelled aluminium strip, alloy HD5050 or equivalent (according to EN 1396, and ECCA standards)
- Coating: the tough and durable 2-layered polyester finish in a nominal thickness of 20 microns, is stove enamelled in a continuous coil-coating process ensuring uniform coating thickness and absolute adhesion

Fire behaviour

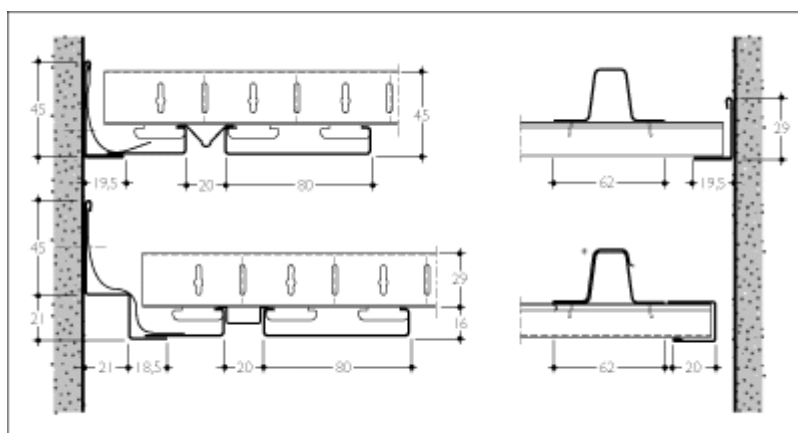
Luxalon® metal suspended ceilings are classified incombustible and will therefore not contribute to possible fires. When ceilings however need to protect the structural integrity of the building, Luxalon® ceilings offer a range of practical and tested solutions with regards to fire resistance and fire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

Material per sqm

	Unit	30BD	30B	80B	130B	180B
Panels	1m	20	20	10	6,67	5
Join Profiles	1m	20	20	10	6,67	5
Carrier	1m	0,4	0,55	0,55	0,65	0,69
Carrier Splice	pcs	0,08	0,11	0,11	0,13	0,14
Suspension	pcs	0,24	0,32	0,32	0,38	0,41

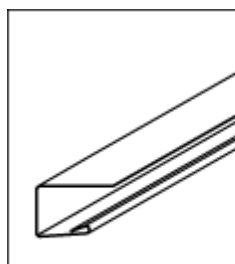
Edge profiles and other accessories depend on individual project requirements.
Figures based on maximum spans.

Construction details

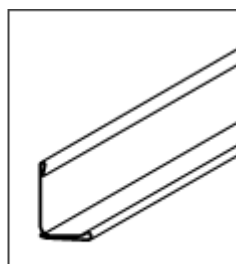


* Luxalon® fix clip should be used in combination with an adaptor panel.

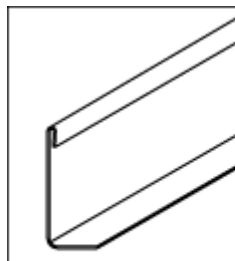
Edge profiles



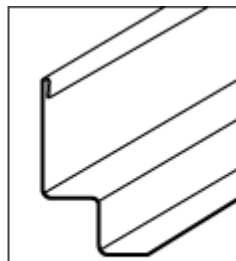
Clip-on U-profile alu
(28.6 x 16 x 20)



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)