Construction Details - 75C / 150C / 225C
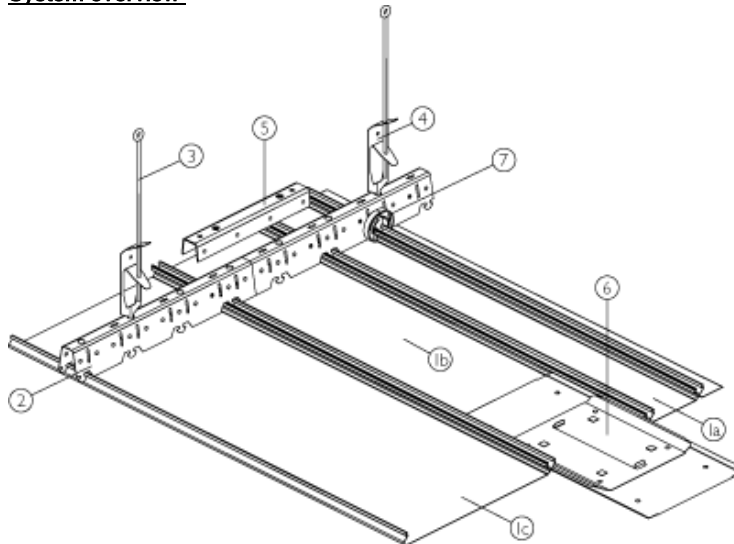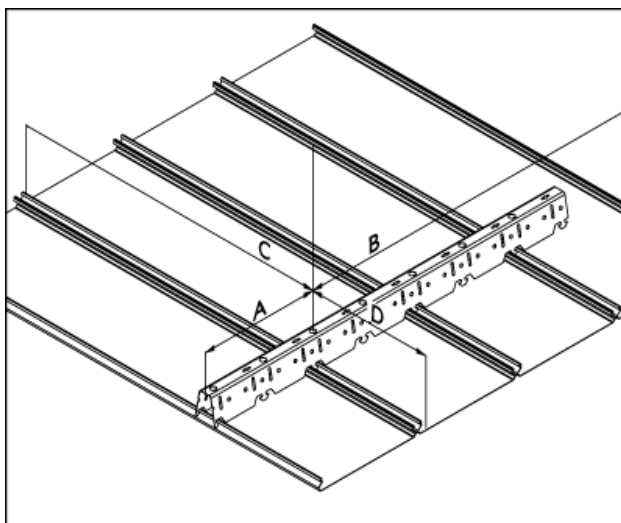
<u>System overview</u>

1a = panel 75C
1b = panel 150C
1c = panel 225C
2 = carrier
3 = rod hanger
4 = suspension adjustment spring
5 = carrier splice
6 = panel splice
7 = adaptor clip

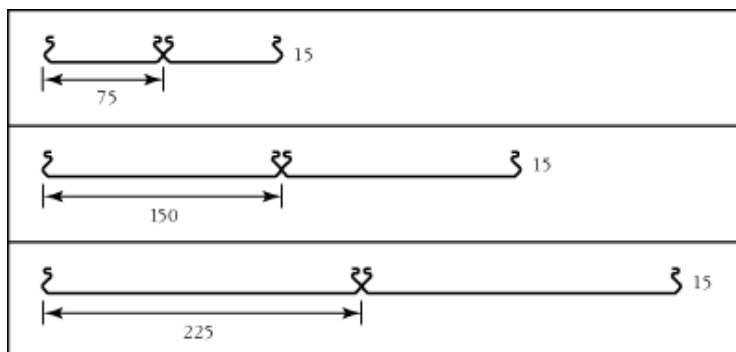| Panel Type		Carrier Span			Panel Span	

	A		B	C		D
75C	300		1700	1250		150
150C	300		1700	1000		150
225C	300		1700	1000		150

Characteristics

- Closed aluminium ceiling panels, when installed creates closed smooth appearance.
- Combination of 3 widths 75/150/225 mm, which are distinguished from other Luxalon® systems by their bevelled edges.

- All three widths can be clipped to an integrated universal carrier.
- Panels can be supplied in any length up to 6000 mm (as standard)
- Optimal acoustic control by using perforated panels with a non-woven textile membrane bonded to the inside face.
- Absence of dust retention and ease of cleaning make these panels ideal for hospitals, kitchens, food preparation areas and anywhere where hygiene is important

Panel HxW	Module	Material	Weight /m²
15.5 x 7.5	75	0.5 Alu	2.13 kg
15.5 x 150	150	0.5 Alu	1.96 kg
15.5 x 225	225	0.6 Alu	2.19 kg

- Demountable panels, allowing full access to services and equipment in plenum
- Panels are lightweight yet strong aluminium which can be recycled for the full 100%, requiring very little energy
- Panels can also be used for exterior applications.
- Base material: Luxalon® multi-panel closed ceiling panels are produced from 0.5 or 0.6 mm thick pre-painted stove enamelled aluminium strip, alloy HD5050 or equivalent (according to EN 1396, and ECCA standards)
- Coating: the tough and durable 2-layer 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.
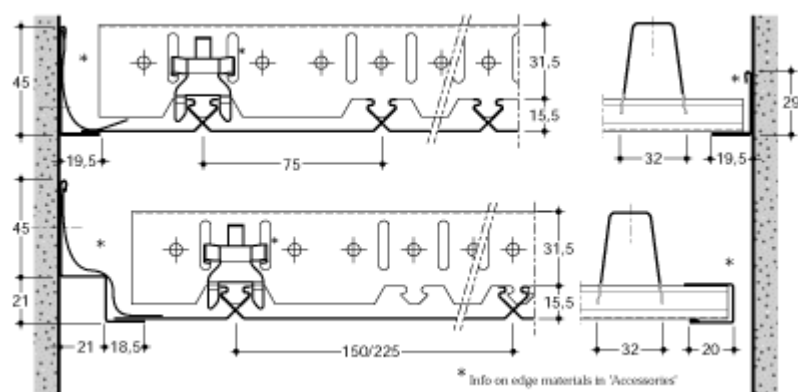
Fire behaviour

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 a 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

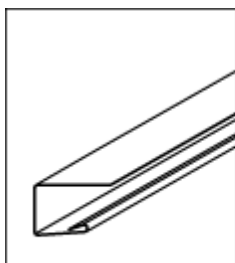|	Unit	75C	150C	225C
Panels	1m	13.33	4.44	4.44
Carriers	1m	0.80	1.0	1.0
Suspension	pcs	0.5	0.6	0.6

Edge profiles and other accessories depend on individual project requirements
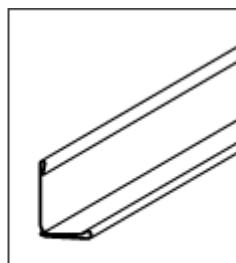
Construction details
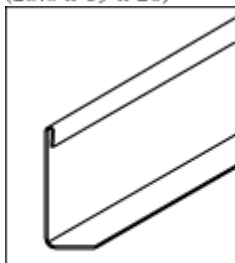

Edge profiles

Edge profiles available for the 75C/ 150C/ 225C program
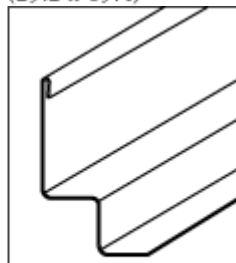

Clip-on U-profile alu
(28.6 x 19 x 20)

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)