



ALLUX

METAL CEILING SYSTEMS

Ksaver 200
10 000 Zagreb

www.allux.hr

T. / +385 (0)1 33 55 056

T. / +385 (0)1 33 55 057

F. / +385 (0)1 33 55 058

E. / info@allux.hr

ALUMINIUM PANELS
C75, C150, C225, C300





ALLUX

METAL CEILING SYSTEMS

METAL CEILING SYSTEM

Allux company deals in various metal ceiling systems including accompanying accessory. From planning and consultancy to final delivery you can trust our team. With this catalogue you will get a perfect insight into our products. Our years-long experience along with your wishes and ideas will make a great partnership.



ALLUX ALUMINIUM PANELS C75, C150, C225, C300

Allux panel programme offers a wide range of panels that are both functional and decorative. Allux aluminium ceilings can be used variously in modern architecture for their flexibility and easy installation.

Allux panels C75/C150/C225/C300 which are distinguished from other Allux systems by their bevelled edges, and when installed produce a closed smooth appearance.

Base Material

Allux closed ceiling panels are produced from 0,5 or 0,6 mm thick pre-painted stove enamelled aluminium strip.

Colour Range & Coating

The standard Allux colour range includes choice of colours. Any other (RAL) colour is available on request. The tough and durable 2-layer polyester coilcoating finish in a nominal thickness of 20 microns, is stove enamelled in a continuous coil-coating process ensuring uniform coating thickness and absolute adhesion.

Practical Applications

The absence of dust retention and ease of cleaning make the plain bevelled edge closed joint panels ideal for hospitals, kitchens, food preparation areas and anywhere where hygiene is important.

Recycling

A special advantage of aluminium is its excellent recycling capacity. Around one third of the aluminium produced is made from secondary aluminium. Here only 5% of the energy required for the original production of aluminium from bauxite is necessary.

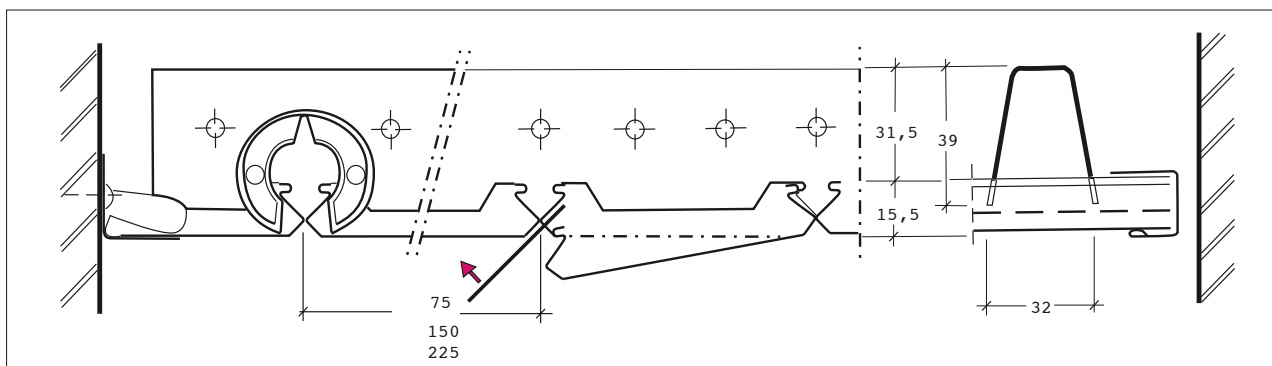
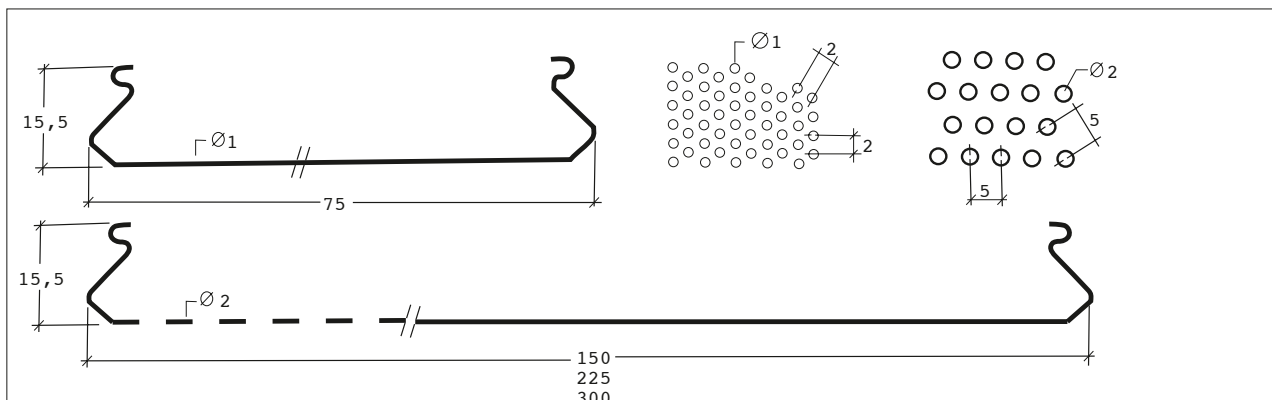
Fire Behaviour

Incombustible building material class A per DIN 4102 (A1, A2).



ALLUX PANEL C75, C150, C225, C300

- C75:** 75 mm width, 15,5 mm height, thickness aluminium 0,5 mm, custom made or perforated.
- C150:** 150 mm width, 15,5 mm height, thickness aluminium 0,5 mm, custom made or perforated.
- C225:** 225 mm width, 15,5 mm height, thickness aluminium 0,6 mm, custom made or perforated.
- C300:** 300 mm width, 15,5 mm height, thickness aluminium 0,6 mm, custom made or perforated.



Carrier for panels 32 mm wide, 39 mm high.
Produced from aluminium thickness 0,95 mm or thickness 0,65 mm in steel.



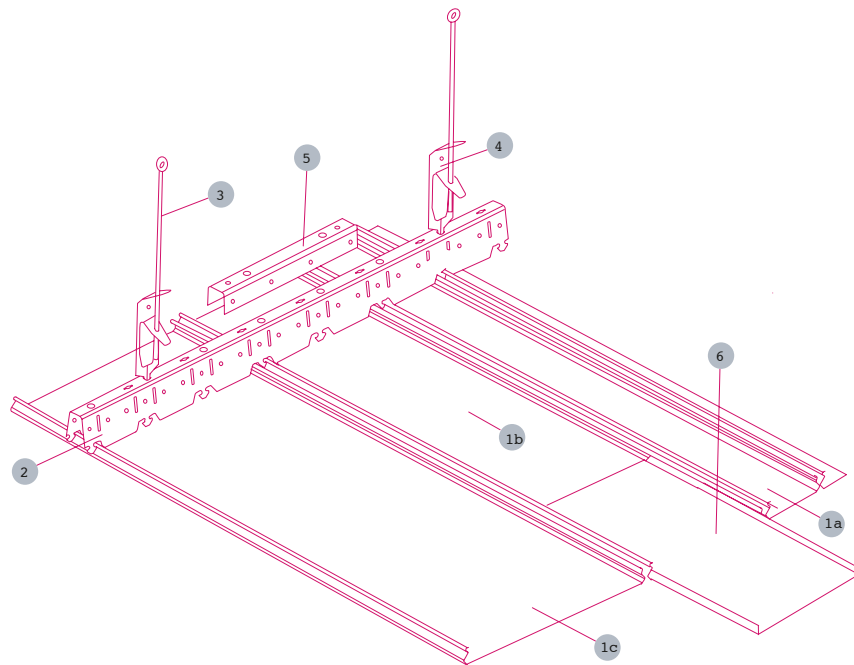
PRACTICAL APPLICATIONS

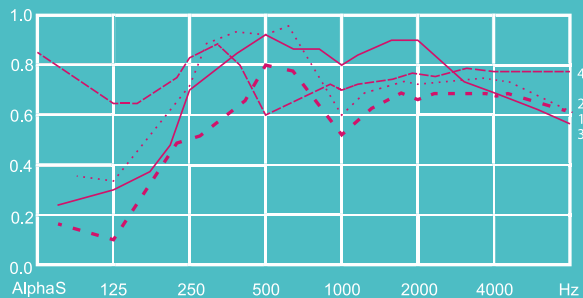
Optimal acoustic control for office spaces, meeting rooms etc. can be achieved by using perforated panels with a non-woven textile membrane bonded to the inside face. Alternatively: sealed mineral wool pads can be overlaid.

The absence of dust retention and ease of cleaning make the plain bevelled edge closed joint panels ideal for hospitals, food preparation areas, kitchens and anywhere where hygiene is important.

Each panel can be easily demounted by hand allowing full access to services and equipment in the plenum. Panels are lightweight yet strong, made from aluminium which is fully recyclable. Panels can also be used for exterior applications.

- 1a = panel C75
- 1b = panel C150
- 1c = panel C225
- 2 = carrier
- 3 = rod hanger
- 4 = support clip
- 5 = carrier splice
- 6 = panel splice





Freq. Hz	125	250	500	1000	2000	4000
Curve 1	0.24	0.729	0.67	0.66	0.90	0.32
Curve 2	0.21	0.51	0.85	0.76	0.96	0.92
Curve 3	0.30	0.70	0.90	0.80	0.90	0.65
Curve 4	0.62	0.82	0.60	0.70	0.78	0.77

SOUND ABSORPTION

Curve 1 (C75)

Panels with 2,1 mm holes.

The reverse side of the panels is provided with black non-woven tissue glued over the whole perforated area. Plenum depth is 200 mm.

Curve 2 (C150/C225)

Panels C150 with 2,1 mm holes.

The reverse side of the panels is provided with black non-woven tissue glued over the whole perforated area. Plenum depth is 200 mm.

Curve 3 (C75)

Perforated C75 panels with 2,1 mm holes.

Between the carriers a 25 mm thick mineral wool pad with a density of approx. 22 kg/m3. Plenum depth 200 mm.

Curve 4 (C225)

Panels C225 with 2,1 mm holes.

The reverse side of the panels is provided with black non-woven tissue glued over the whole perforated area. Plenum depth is 400 mm.



ALLUX

METAL CEILING SYSTEMS

Products:

Aluminium Panels

Sport Panels

Aluminium Facades

Square and Rectangular Tiles

Sun Louvres

Open Cell Ceilings

Drywall Profiles

Aluminium Shades

Special Ceilings

Profiles by Order

www.allux.hr

YOUR PARTNER FOR METAL CEILINGS