



**ALLUX
SISTEMI METALNIH STROPOVA**

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**ALUMINIJSKE LAMELE C75, C150, C225, C300
ALUMINIUM PANELS C75, C150, C225, C300**



SISTEMI METALNIH STROPOVA

Tvrtka Allux proizvodi široku paletu sistema metalnih spuštenih stropova sa svim pripadajućim priborom. Od planiranja i savjetovanja do isporuke možete računati na nas. Ovim katalogom dobit ćete savršeni uvid u naše proizvode.

Naše dugogodišnje iskustvo zajedno s vašim željama i idejama rezultirat će uspješnom suradnjom.

METAL CEILINGS SYSTEMS

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 ALUMINIJSKE LAMELE C75, C150, C225, C300

Allux proizvodni program lamela obuhvaća široku ponudu različitih tipova lamela, koje imaju funkcionalnu i dekorativnu svrhu. Allux sistemi aluminijskih lamela u modernoj arhitekturi nude fleksibilno i jednostavno rukovanje što im daje veliku mogućnost varijacija.

Allux lamele tipa C75/C150/C225/C300 razlikuju se od ostalih tipova lamela po svojoj glatkoj, zatvorenoj slici. Dužni spoj između lamela tvori usku V-fugu.

Specifikacija materijala

Lamele se montiraju na poseban češalj (konstrukciju) svaka pojedina lamela može se lagano demontirati.

Lamele proizvodimo iz aluminijske debljine 0,5, i 0,6 mm i dužine max. 6000 mm.

Boja

Proizvodnja lamela je moguća u paleti različitih standardnih boja kao i u RAL bojama. Mogu se proizvesti kao glatke ili perforirane. Polyester-lak, nanesen u 2-sloja Coil-Coating procesom.

Stražnja strana transparentan zaštitni lak.

Debljina laka vidljive strane: 20 microns

Debljina zaštitnog laka stražnje strane: 3 microns

Primjena

Lamele su pogodne za primjenu u bolnicama, školama, uredima, restoranima i ostalim objektima. Mogućnost integracije svih vrsta rasvjete.

Recycling

Reciklirani aluminij sadrži rezerve sirovina i čuva okoliš.

Za građevinske proizvode iskoristivost kod reciklaže je 85%. Već izborom sastava boje po kriterijima zaštite okoliša, uzima se u obzir kasnija reciklaža.

Ponašanje pri požaru

Ne zapaljiv građevni materijal klase A po DIN-u 4102 (A1, A2).



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 LAMELA C75, C150, C225, C300

- C75:** 75 mm širine, 15,5 mm visine, debljine aluminija 0,5 mm, glatka ili perforirana.
- C150:** 150 mm širine, 15,5 mm visine, debljine aluminija 0,5 mm, glatka ili perforirana.
- C225:** 225 mm širine, 15,5 mm visine, debljine aluminija 0,6 mm, glatka ili perforirana.
- C300:** 300 mm širine, 15,5 mm visine, debljine aluminija 0,6 mm, glatka ili perforirana.

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.





PRAKTIČNA PRIMJENA

Optimalna apsorpcija zvuka za urede, konferencijske dvorane itd. može se ostvariti korištenjem perforiranih lamela s crnim filcom umetnutim s unutarnje strane lamela. Alternativa: mineralna vuna.

Zbog zatvorene fuge lako se čisti, lamela je idealna za bolnice, kuhinje, prostore za pripremu hrane i svugdje gdje je potreban visoki stupanj higijene.

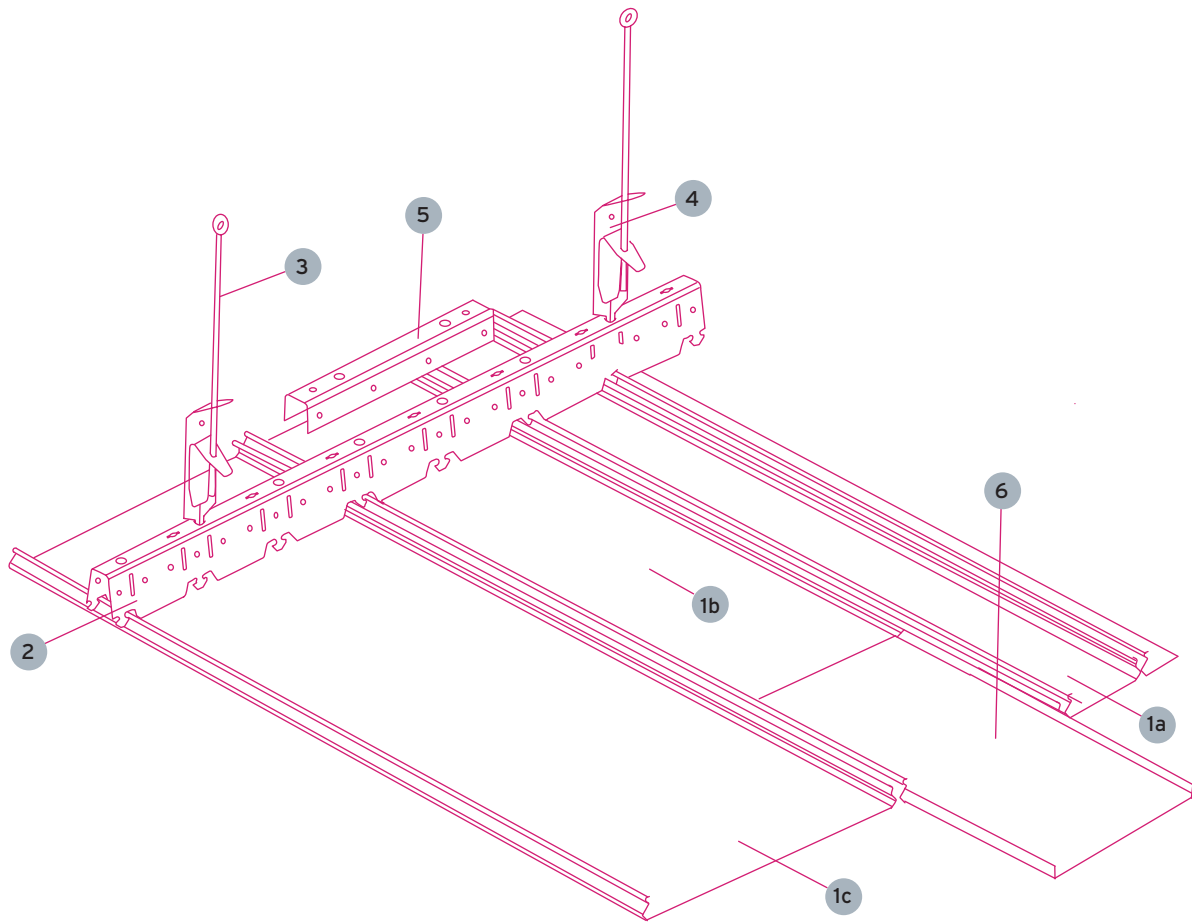
Na istom češlju mogu se kombinirati uske i široke lamele.

Svaka se pojedina lamela može lako demontirati što omogućuje pristup do instalacija.

Lamele se proizvode do 6000 mm dužine što minimalizira upotrebu dužnih spojnika.

Lamele su lagane ali čvrste proizvedene iz aluminija i u potpunosti su reciklirajuće.

Lamele se mogu koristiti i za eksterijere.



- 1a** = lamela C75
- 1b** = lamela C150
- 1c** = lamela C225
- 2** = češalj (konstrukcija)
- 3** = žica
- 4** = visilica
- 5** = spojnica za češalj
- 6** = spojnica za lamelu

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

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 can be produced up to 6000 mm long thus keeping the necessity for joints to a minimum.

Panels are lightweight yet strong, made from aluminium which is fully recyclable.

Panels can also be used for exterior applications.

APSORPCIJA ZVUKA

Krivulja 1 (C75)

Lamela C75 s perforacijom 2,1 mm.
Preko cijele površine perforacije, na stražnjoj strani lamele naljepljen je crni filc.
Međuprostor između AB ploče i spuštenih aluminijskih lamela C75 iznosi 200 mm.

Krivulja 2 (C150/C225)

Lamela C150 s perforacijom 2,1 mm.
Preko cijele površine perforacije, na stražnjoj strani lamele naljepljen je crni filc.
Međuprostor između AB ploče i spuštenih aluminijskih lamela C150 iznosi 200 mm.

Krivulja 3 (C75)

Lamela C75 s perforacijom 2,1 mm.
Između češljeva je 25 mm debela mineralna vuna gustoće cca. 22 kg/m³.
Međuprostor između AB ploče i spuštenih aluminijskih lamela C75 iznosi 200 mm.

Krivulja 4 (C225)

Lamela C225 s perforacijom 2,1 mm.
Preko cijele površine perforacije, na stražnjoj strani lamele naljepljen je crni filc.
Međuprostor između AB ploče i spuštenih aluminijskih lamela C225 iznosi 400 mm.

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)

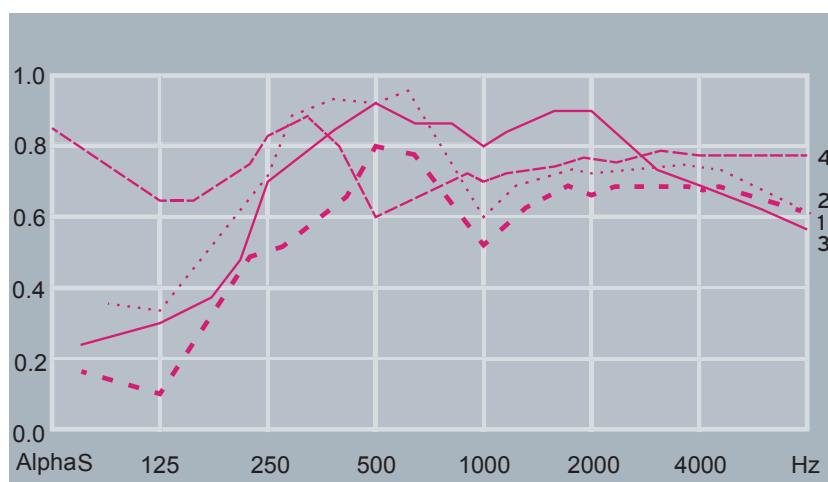
Panels C150 with 2,1 mm holes. The reverse side of the panels is provided with black non-woven tissue glued over the whole perforated area. Plenum depth is 200 mm.

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.



Freq. Hz	125	250	500	1000	2000	4000
Krivulja 1 Curve 1 - - - -	0,24	0,729	0,67	0,66	0,9	0,32
Krivulja 2 Curve 2	0,21	0,51	0,85	0,76	0,96	0,92
Krivulja 3 Curve 3 ———	0,30	0,70	0,90	0,80	0,90	0,65
Krivulja 4 Curve 4 - . - . -	0,62	0,82	0,60	0,70	0,78	0,77





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**ALLUX
METAL CEILINGS SYSTEMS**

Proizvodimo:

Aluminijske lamele
Sport lamele (lamele za sportske dvorane)
Aluminijske fasade
Kvadratne i Pravokutne kazete
Sjenila za Sunce (Brisoly)
Raster Stropove
Profile za suhu gradnju
Aluminijske rolete
Specijalne stropove
Profile po narudžbi

Products:

Aluminium Panels
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