

Alumatic-C EI230 (a ← b) Access Panel

for installation in fire protection suspended ceilings (18mm, 25mm) in drywall constructions



Tested Product:

Fire-tested from below (room side) EN 1634-1,
NF EN 1634-1 (NF EN 1363-1) (CSTB France)

Tested for airborne sound insulation EN ISO 10140-2.
Standard-sound level difference:
39 dB (size 400x400x18)

Tested for airborne sound insulation EN ISO 10140-2.
Standard-sound level difference:
40 dB (size 400x400x25)

Product advantages

- Economical solution for suspended ceilings with fire protection only from the room side
- With all-round seal against smoke
- No fire protection cover required in the ceiling void
- Quick and easy installation

Product description

The Alumatic-C access panel is specially designed for installation in fire protection suspended ceilings with one requirement "Fire load only from room side" and a fire-resistance class EI30. It provides safe protection against fire and smoke entering from the room into the intermediate ceiling area. The installation frame made of aluminium is equipped with a fire protection strip. The inspection flap cover is filled with one or two layers of fire protection plates DF and protected against smoke by a four-sided all-round seal. The cover is secured on both sides by self-adjusting safety arms. The safety arms guarantee catching of the flap cover every time it is opened. The cover can be easily removed and inserted again.

Scope of supply

- Inspection flap fire protection
- Installation kit protective caps for screws
- Installation guide

Installation and fixing

Easy mounting of the frame into the ceiling. The opening has to be about 5-10mm larger than the installation dimensions of the ceiling. Fasten using plasterboard ceiling and aluminium frame with on-site dry wall screws. Attach protective caps. Fill in everything and place the cover.

Filling and painting works

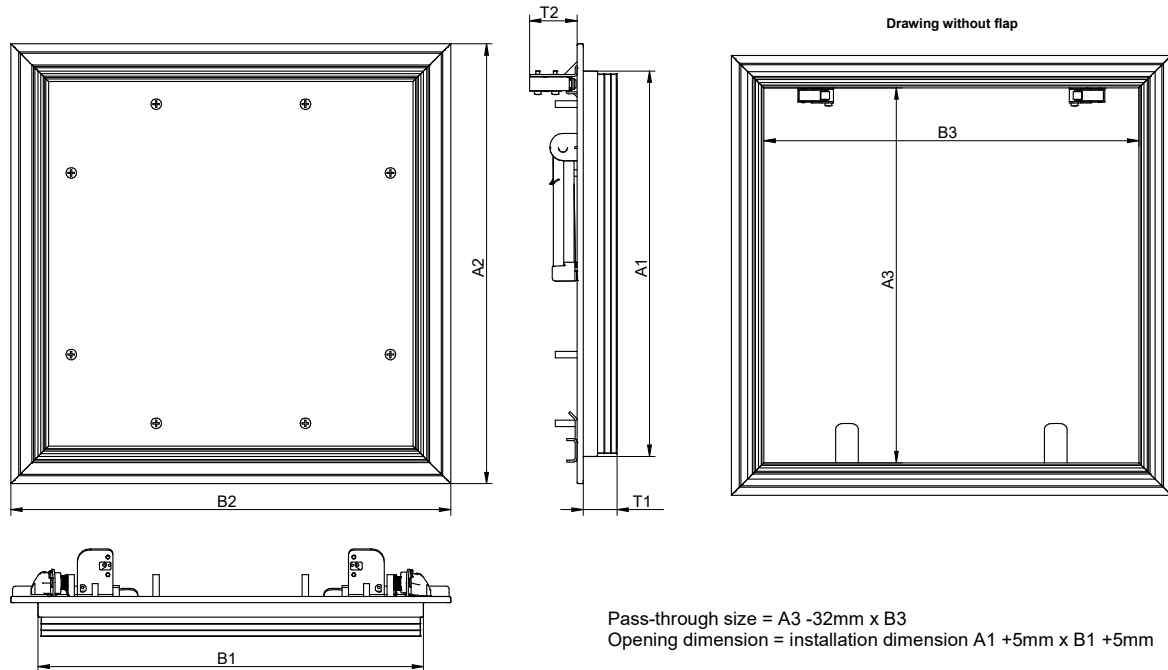
Fill the gap between the mounting frame, the opening and the inspection flap cover separately and coat it. Remove all filling and paint residues completely. Metallic surfaces must be clean. Then perform a functional test (opening and closing).

Cleaning and maintenance

The components of the inspection flap are to be cleaned with gentle cleaning agents or a dry cloth. The flap must always be closed properly. If necessary, check the locks for function. The inspection flap is maintenance-free. Please always read the attached installation guide!

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Delivery program

Fire Rating EI₂₃₀ (a←b) ceiling from below

18mm gypsum plasterboard inlay CE certified according to EN 520: DF

Order No.	Size A x B (V)	Installation Dim. A1 x B1	Outside Dim. A2 x B2	Clearance Width A3 x B3	Depth / Width		Weight kg
					T1	T2	
22-555	300 x 300	297 x 297	339 x 339	289 x 289	19	41	2,0
22-556	400 x 400	397 x 397	439 x 439	389 x 389	19	41	3,3
22-557	500 x 500	497 x 497	539 x 539	489 x 489	19	41	4,8
22-558	600 x 600	597 x 597	639 x 639	589 x 589	19	41	6,7

Fire Rating EI₃₀ (a←b) ceiling from below

2 x 12,5mm gypsum plasterboard inlay CE certified according to DIN EN 520: DF

Order No.	Size A x B (V)	Installation Dim. A1 x B1	Outside Dim. A2 x B2	Clearance Width A3 x B3	Depth / Width		Weight kg
					T1	T2	
22-480	200 x 200	197 x 197	239 x 239	189 x 189	26	41	1.4
22-481	300 x 300	297 x 297	339 x 339	289 x 289	26	41	2.5
22-482	400 x 400	397 x 397	439 x 439	389 x 389	26	41	4.1
22-483	500 x 500	497 x 497	539 x 539	489 x 489	26	41	6.1
22-484	600 x 600	597 x 597	639 x 639	589 x 589	26	41	8.6
22-485	600 x 800	597 x 797	639 x 839	589 x 789	26	41	11.1
22-487	600 x 1200	597 x 1197	639 x 1239	589 x 1189	26	41	16.7

All dimensions in mm, (V) = closure side

Custom-made products

- Intermediate sizes in 10mm grid available on request
- Available with RS square lock or cylinder lock