

## Alumatic-W EI<sub>2</sub> 30 (i↔o) Inspection Hatch

For installation in shaft walls (2x12.5mm) in drywall construction



### Tested Product:

Fire tested from the shaft and room sides in accordance with NF EN 1634-1 (CSTB-France)

Tested for airborne sound insulation NF EN ISO 10140-2.  
Standard-sound level difference:

| Results                                        |                                            |
|------------------------------------------------|--------------------------------------------|
| D <sub>n,e,w</sub> (C ; C <sub>tr</sub> ) (dB) | R <sub>w</sub> (C ; C <sub>tr</sub> ) (dB) |
| 40 (0 ; 0)                                     | 22 (0 ; 0)                                 |

### Product Advantages

- Cost effective solution for drywall construction walls with fire protection
- With all-round lip seal (silicone) against the spreading of smoke
- Quick and easy installation

### Product Description

The RUG SEMIN Alumatic-W inspection door has been especially designed as fire retardant for installation wall constructions with the requirement "Fire Load from Shaft Side and Room Side" and a fire resistance class of EI30. It provides reliable protection against the spreading of fire from the room into the shaft or the other way around. The mounting frame in aluminium is fitted with a fire protection strip. The inspection door cover is filled with inlays made from DF fire protection panels and is protected against the spreading of smoke by means of a seal running around all four sides. The cover is secured on both sides by self-adjusting security snap locks. The security snap locks guarantee the retention of the door cover on every opening. The cover can be easily removed and re-fitted.

### Scope of Supply

- Fire protection inspection door
- Installation set, protective caps for screws
- Installation instructions

### Installation and Fixing

Simple fitting of the mounting frame in the structure opening (approx. 5-10mm larger than the installation dimensions) in the wall. The locks of the mounting frame must always be arranged at the top. The fixing takes place through the gypsum plasterboard wall in the aluminium frame using customer-supplied drywall screws. Fit the protective caps to the rear of the screw tips. Please always observe the installation instructions supplied!

### Filling and Painting Work

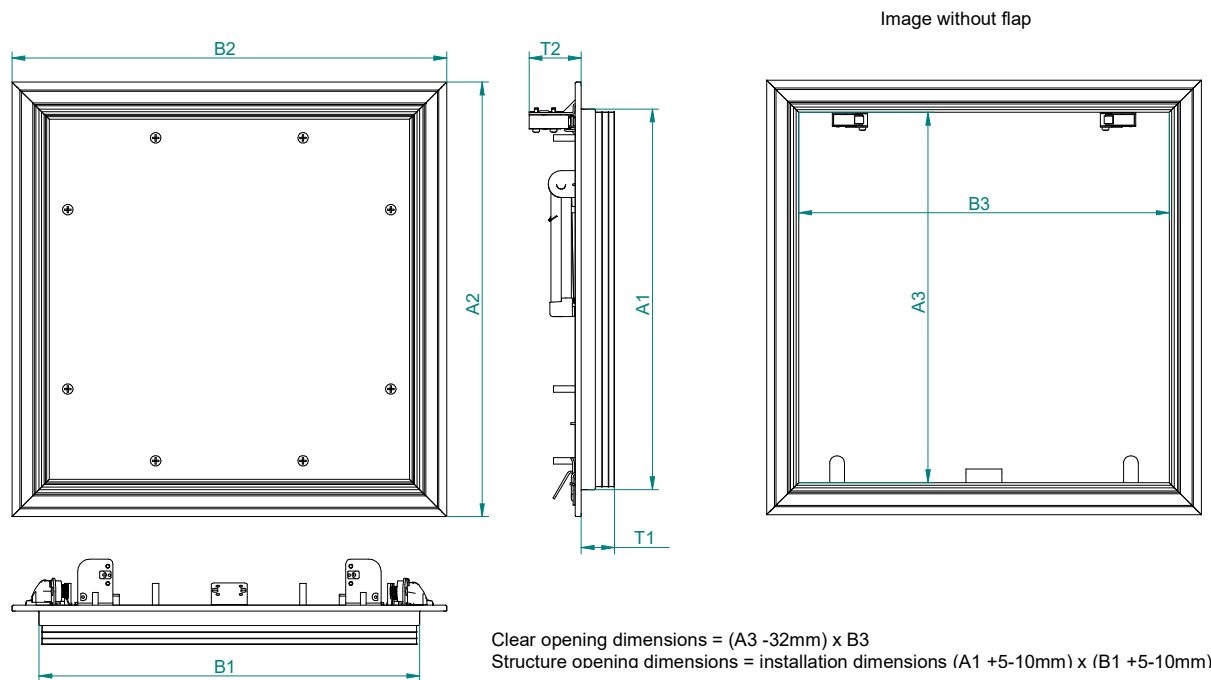
Fill the joint between the mounting frame and structure opening and separately fill and paint the inspection door cover. Completely remove any filler and paint residues. All the metallic surfaces and seals must be clean. Then carry out a functional check by opening and closing several times.

### Cleaning and Maintenance

The components of the inspection door must be cleaned using conventional, mild cleaning agents or be cleaned dry. The door must always be properly closed. Check the function of the locks from time to time. The inspection door is maintenance-free.

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## Supply Range

Fire Rating EI<sub>2</sub>30 (i↔o) on shaft and room sides

2 x 12,5mm Gypsum Plasterboard Inlays DF in accordance with DIN EN 520

| Order No. | Size |         | Installation Dim. |       | Outside Dim. |        | Clearance Width |       | Depth / Width |    | Weight<br>kg | certificate        |
|-----------|------|---------|-------------------|-------|--------------|--------|-----------------|-------|---------------|----|--------------|--------------------|
|           | A    | x B (V) | A1                | x B1  | A2           | x B2   | A3              | x B3  | T1            | T2 |              |                    |
| 22-739    | 200  | x 200   | 197               | x 197 | 239          | x 239  | 189             | x 189 | 26            | 41 | 1.60         | EI <sub>2</sub> 30 |
| 22-740    | 300  | x 300   | 297               | x 297 | 339          | x 339  | 289             | x 289 | 26            | 41 | 2.61         | EI <sub>2</sub> 30 |
| 22-741    | 400  | x 400   | 397               | x 397 | 439          | x 439  | 389             | x 389 | 26            | 41 | 4.16         | EI <sub>2</sub> 30 |
| 22-742    | 500  | x 500   | 497               | x 497 | 539          | x 539  | 489             | x 489 | 26            | 41 | 6.15         | EI <sub>2</sub> 30 |
| 22-743    | 1000 | x 500   | 997               | x 497 | 1039         | x 539  | 989             | x 489 | 26            | 41 | 11.70        | EI <sub>2</sub> 30 |
| 22-744    | 600  | x 600   | 597               | x 597 | 639          | x 639  | 589             | x 589 | 26            | 41 | 8.54         | EI <sub>2</sub> 30 |
| 22-745    | 800  | x 600   | 797               | x 597 | 839          | x 639  | 789             | x 589 | 26            | 41 | 11.28        | EI <sub>2</sub> 30 |
| 22-746    | 1000 | x 600   | 997               | x 597 | 1039         | x 639  | 989             | x 589 | 26            | 41 | 13.79        | EI <sub>2</sub> 30 |
| 22-747    | 800  | x 800   | 797               | x 797 | 839          | x 839  | 789             | x 789 | 26            | 41 | 14.57        | EI <sub>2</sub> 30 |
| 22-748    | 1000 | x 1000  | 997               | x 997 | 1039         | x 1039 | 989             | x 989 | 26            | 41 | 22.35        | EI <sub>2</sub> 30 |

All dimensions in mm, (V) = locking side

## Special Designs

- Intermediate sizes in a 10mm grid pattern available on request