AluSpeedSafe I/EI30 und I/EI90 Inspection Door

Smoke-tight, for a wide range of applications in drywall and solid construction

Steel door with a gypsum plasterboard inlay and square lock, steel frame with an all-round, hollow section seal





Tested Product:

- ✓ **Smoke-tightness tested (DIN EN 1634-3)**
- ✓ **Airborne sound insulation tested: Rw=38 dB (EI30), Rw=40 dB (EI90)**
- ✓ **Fire tested from the shaft side EI30, EI90 (DIN EN 1364-1)**
- ✓ **Fire tested from the frontside EI30 (SFS-EN 1634-1)**
- ✓ **Fire tested in gypsum block construction EI120 (EN 1364-1)**

AluSpeed Safe 30:
General Building Inspectorate Approval Z-6.55-2244

AluSpeed Safe 90:
General Building Inspectorate Approval Z-6.55-2183

(Evidence of applicability can be requested from RUG SEMIN!)

Product Advantages

- Smoke-tightness and airborne sound insulation tested as standard
- Door panel removeable for wall mounting and mounting claws as an installation aid
- Screwhead-free surface saves filling work
- Cross-system installable thanks to the General Building Inspectorate Approval (AbZ) for Germany

Product Description

The RUG SEMIN AluSpeed Safe inspection door is especially suitable for applications in shaft wall systems, installation shafts and wall facings in drywall construction and can also be installed in various types of solid wall construction. Mounting frame and door panel in galvanized sheet steel reinforced with fire protection panels. The frame has an all-round, hollow section seal. The door is smoke-tight as standard. Wall mounting is made easy thanks to adjustable mounting claws, a door panel removeable for installation and pre-machined counterbores in the mounting frame. After mounting the door panel is firmly installed. A screwhead-free door panel surface saves time-consuming filling work.

Scope of Supply

- ✓ Fire protection inspection door
- ✓ Square pin key
- ✓ Gypsum plasterboard closure strip installation kit
- ✓ Installation instructions
- ✓ In addition, with the EI30 design: Angle installation set

Installation and Fixing

For installation in the pre-finished wall opening, remove the door panel from the frame in accordance with the instructions. Insert the mounting frame into the wall and fix it using the mounting claws attached to the frame. Using the closure strips supplied, make the appropriate cuts and tightly seal the joints to the wall on the back. Depending on the design of fitting, please proceed step by step in accordance with the installation instructions supplied.

Filling and Painting Work

Important: The coating application on the door panel must be a maximum of 0.6mm thick. Otherwise it leads to the shearing off of the coating when opening and closing. Separately fill and paint over the joint between the mounting frame, wall opening and door panel. Completely remove any filler and paint residues. All the metallic surfaces must be clean. Then carry out a functional check by opening and closing the door.

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. Where necessary, check the locks for function and lightly lubricate them. Clean and service the seal. The inspection door is otherwise maintenance-free.

Accessories

- Article 22-213 Square pin key (long version)
- Article 22-216 Square pin key (short version)
- Article 22-997 Installation set AluSpeed EI30 (6-off steel brackets)



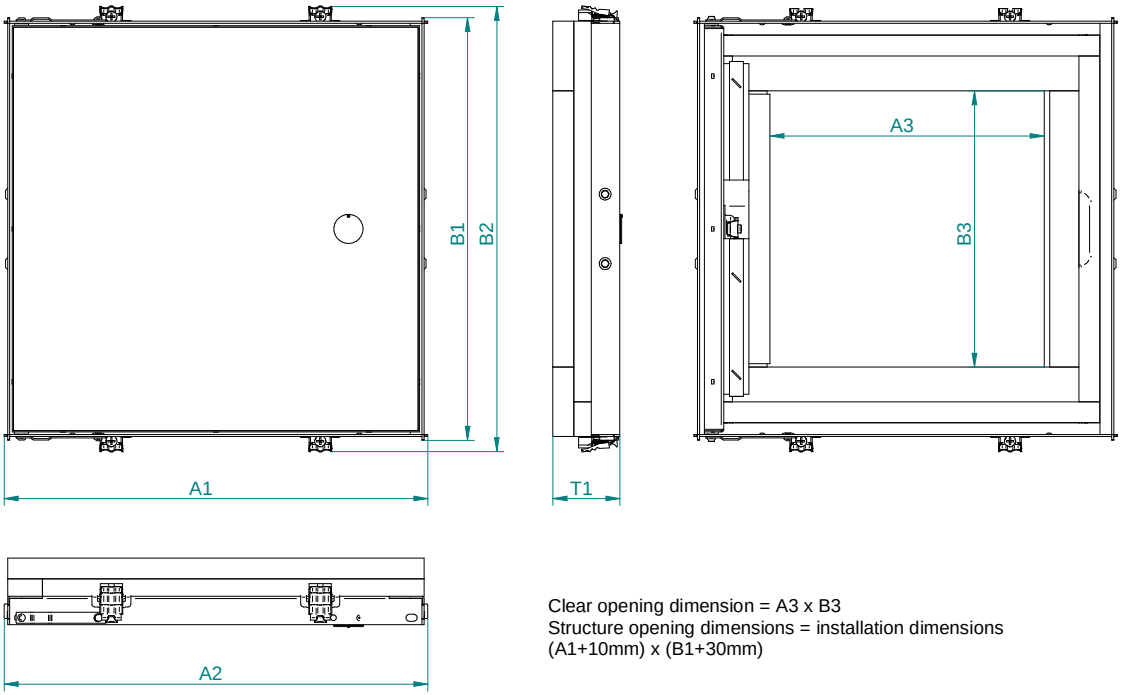
Manufacturer: **RUG SEMIN GmbH** · Pittlerstraße 21 · 63225 Langen (D) · Tel.: +49 6103/3001-0 · service@rug-semin.de · **revisionsklappen.com**

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Illustration without door panel



Clear opening dimension = A3 x B3
Structure opening dimensions = installation dimensions
(A1+10mm) x (B1+30mm)

Supply Range

Fire Rating EI 30 (o↔i), from 2 x 12,5mm wall thickness
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 T1	Weight kg	(o↔i)
22-531	200	x	200	204	x	204	204	x	222	97	x	99	48	3,8	
22-532	300	x	300	304	x	304	304	x	322	197	x	199	48	4,9	
22-533	400	x	400	404	x	404	404	x	422	297	x	299	48	7,6	
22-538	400	x	600	404	x	604	404	x	622	297	x	499	48	12,6	
22-534	500	x	500	504	x	504	504	x	522	397	x	399	48	11,4	
22-535	600	x	600	604	x	604	604	x	622	497	x	499	48	15,7	
22-536	600	x	800	604	x	804	604	x	822	497	x	699	48	19,9	
22-537	600	x	1000	604	x	1004	604	x	1022	497	x	899	48	25,2	

Fire Rating EI 90 (o←i), from 2 x 20mm wall thickness
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 T1	Weight kg	(i→o)
22-579	200	x	200	204	x	204	204	x	222	97	x	99	68	4,0	
22-580	300	x	300	304	x	304	304	x	322	197	x	199	68	7,5	
22-582	400	x	400	404	x	404	404	x	422	297	x	299	68	12,1	
22-583	400	x	600	404	x	604	404	x	622	297	x	499	68	16,4	
22-584	500	x	500	504	x	504	504	x	522	397	x	399	68	16,7	
22-586	600	x	600	604	x	604	604	x	622	497	x	499	68	22,5	
22-587	600	x	800	604	x	804	604	x	822	497	x	699	68	31,5	
22-588	600	x	1000	604	x	1004	604	x	1022	497	x	899	68	38,6	
22-589	600	x	1200	604	x	1204	604	x	1222	497	x	1099	68	42,2	

All dimensions in mm, (V) = locking side

Special Designs

- ✓ Available with cylinder lock
- ✓ Available with special dimensions by **I/EI30** in **50 mm grid increments** from 200x200 to 600x1000 mm
- ✓ Available with special dimensions by **I/EI90** in **50 mm grid increments** from 200x200 to 600x1200 mm

The manufacturer reserves the right to make technical changes without prior notice.

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