

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the technical data sheet valid in Germany.

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Drywall Systems

E112c.de

Product Data Sheet

2018-05

REVO perforated board 12.5

Access panel for Cleaneo Acoustic Board Ceiling

Product description

Access panel for installation in the Cleaneo Acoustic Board Ceilings

REVO perforated board 12.5 consists of:

- Anodised aluminium outer frame
- Openable and fully detachable hatch
- Flush adhesively bonded Knauf Cleaneo Acoustic Board (200 x 200 mm to 625 x 625 mm)
- With dimensions > 625 mm supplied only as a screw fixed variant, with dimensions > 800 mm supplied only with trimmer profiles

Properties and added value

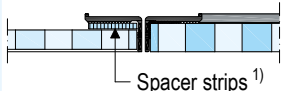
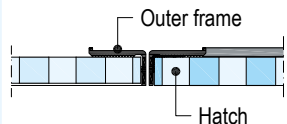
- All-purpose use for cladding thickness 10 and 12.5 mm
- Can be retrofitted

Field of application

Installation in Knauf Cleaneo Acoustic Board Ceilings

Application

Installation

Cladding	
10 mm Cleaneo Thermoboard	 <p>Spacer strips ¹⁾</p>
12.5 mm Cleaneo UFF	 <p>Outer frame Hatch</p>

1) Spacer strips are included in the packaging.

Notes
<p>With rectangular ceiling access panels, the lock and hinge system is always mounted as standard on the long side.</p> <p>Installation requires additional substructure / trimmer profiles.</p> <p>At least</p> <ul style="list-style-type: none"> ■ 2 pieces per frame side for hatch size < 500 x 500 mm ■ 3 or 4 pieces per frame side for hatch size ≥ 500 x 500 mm <p>No joints in the cladding are allowed near the access panels.</p> <p>The use of round cylinder or profile cylinder locks and four-square bolting is optional.</p> <p>Observe the installation instructions enclosed with the product.</p> <p>Construct the ceiling systems in accordance with the most current Knauf System Data Sheets.</p>

Use SN counter-sunk screws or Thermoboard screws TB with drill point for the attachment of the frame to the cladding.

The access panel can be installed together with the grid or when the cladding is applied. Make the cut out opening 4 mm larger than the access panel size (= clearance).

Install trimmers made of CD channels in accordance with the dimensions of the access panels, maintain distances between cut-out section and trimmer profiles of minimum 30 mm and maximum 50 mm.

Mount 4 additional suspenders in the corner areas of the access panel when mounting in ceilings.

Additional suspenders are required for trimmers on suspended ceiling profiles.

Place outer frame of the access panel in the opening, lay it on the cladding, align and screw attach. Subsequently, insert the hatch and check the lock for proper functioning. If the distance to the installations in the ceiling is < 200 mm, it is necessary to perform installation of the outer frame in the gypsum board together with the cladding.

Depending on the construction type and installation conditions of the access panels trimmers made of profiles are necessary (see scheme drawings).

Subsequent installation possible

The cladding must be sawed out for subsequent installation of the access panel. Apply a frame made of circumferential profile pieces (CD channels or UD runners) and screw attach them (screw spacing ≤ 150 mm).

Jointing

Fill the joint to the exterior frame of the access panel with Uniflott. Fill in screw heads as well.

Knauf Cleaneo Acoustic boards: Fill the joints with Uniflott using a hand-held cartridge gun. It is not necessary to fill or skim the inner frame with flush adhesively bonded gypsum Cleaneo Acoustic boards. See System Data Sheet Knauf Acoustic Board Ceilings D12.de

Cleaning

Clean outer frame, hatch, and in particular, seal thoroughly after filling.

Coatings and linings

Surface treatment of the access panel hatch according to System Data Sheet D12.de Knauf Cleaneo Acoustic Board Ceilings.

Note for the painter

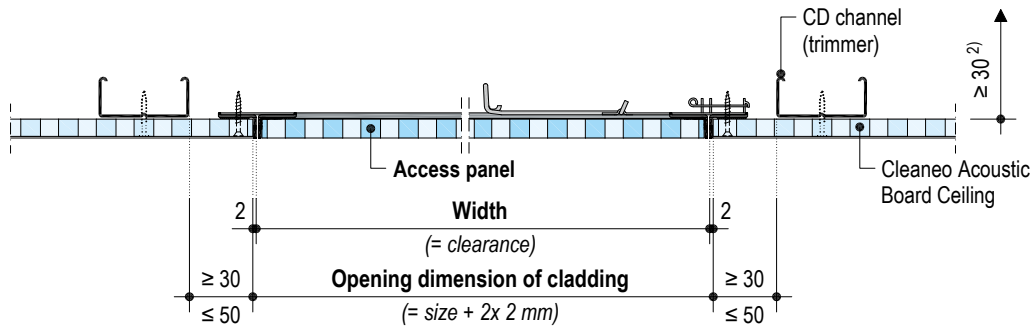
Generally remove the access panel hatch before painting separately so that no paint penetrates the narrow joint between the hatch and the outer frame.

Installation in Knauf Cleaneo Acoustic Board Ceilings D127.de.

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Scheme drawings, all dimensions in mm

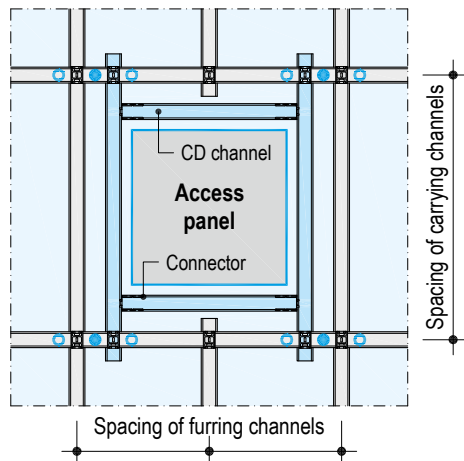
e.g. version 12.5 mm with Knauf Cleaneo Acoustic Board Ceiling – without seal, vertical section



2) Clearance to basic ceiling / installations

Example, ceiling installation scheme drawing

Double layer profile grid

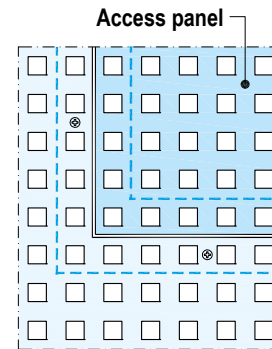


- Additional grid
- 4 additional suspension points (e.g. Nonius suspension)
- Alternative suspension points

Universal connectors are required for the trimmers. Further suspenders are required if the suspended profiles are to be exchanged.

View of Cleaneo Acoustic Board Ceiling D127.de

e.g. Version perforated board 12/25 Q



Product range

Description	Application	Width x length mm	Weight kg/pieces	Packaging unit	Material number	EAN
REVO perforated board 12.5 for Cleaneo Acoustic Board Ceiling D127.de	Perforated board 8/18 R	307 x 307	2.0	1 piece / pack	00173881	4003982213594
		415 x 415	3.0		00173885	4003982213617
		505 x 505	4.3		00173891	4003982213631
		613 x 613	6.0		00173897	4003982213655
		Special ≤ 800			00111872	4003982203823
	Perforated board 8/18 Q	307 x 307	2.0		00173902	4003982213679
		415 x 415	3.0		00173905	4003982213693
		505 x 505	4.3		00173907	4003982213716
		613 x 613	6.0		00173910	4003982213730
		Special ≤ 800			00111872	4003982203823
	Perforated board 12/25 R	301 x 301	2.0		00173950	4003982213754
		401 x 401	3.0		00173953	4003982213778
		501 x 501	4.3		00173956	4003982213792
		601 x 601	6.0		00173960	4003982213815
		Special ≤ 800			00111872	4003982203823
	Perforated board 12/25 Q	301 x 301	2.0		00173963	4003982213839
		401 x 401	3.0		00173969	4003982213853
		501 x 501	4.3		00173974	4003982213877
		601 x 601	6.0		00173976	4003982213891
		Special ≤ 800			00111872	4003982203823

Required specifications for ordering

- Dimension of the access panel (width x length)
(The exact clearance is determined by the perforation)
- Cladding thickness: 10 mm or 12.5 mm
- Perforation, e.g. 12/25 Q
- Additional options / special designs

Additional options / special designs

- Intermediate dimensions
- Multi-part design
- Four-square bolt
- Round cylinder lock
- Lock designed for profile cylinder
- Fleece lining: none, white or black (standard)
- Ball impact-safe design possible



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