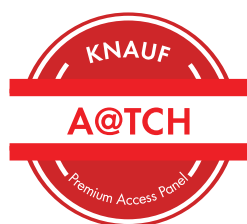




Product Datasheet

05-2024

Knauf A@TCH Premium Access Panel



Robust



Convenient



Safe



Durable



Moisture resistant

Description

Knauf A@TCH Premium Access Panels are specially designed to provide the highest standards in accessibility to services without compromising on aesthetics. These lockable access panels are intended for all types of infrastructural buildings including residential, commercial, institutional and public buildings where concealed and maintenance-free access is needed behind ceilings.

Properties

- Best suited for usage in seamless gypsum ceilings under dry and humid conditions.
- Aluminum powder coated framework, along with GI reinforcement at all corners, imparts durability, robustness, and corrosion resistance.
- Ease of installation and handling due to the push-lock door opening mechanism with a detachable panel door.
- Fall arrest cable mechanism, and fully capped screws with no sharp edges provide complete safety.
- An air sealing strip around the periphery isolates the plenum area from below the ceiling.
- Available in multiple sizes (based on request).

Technical Data

Components

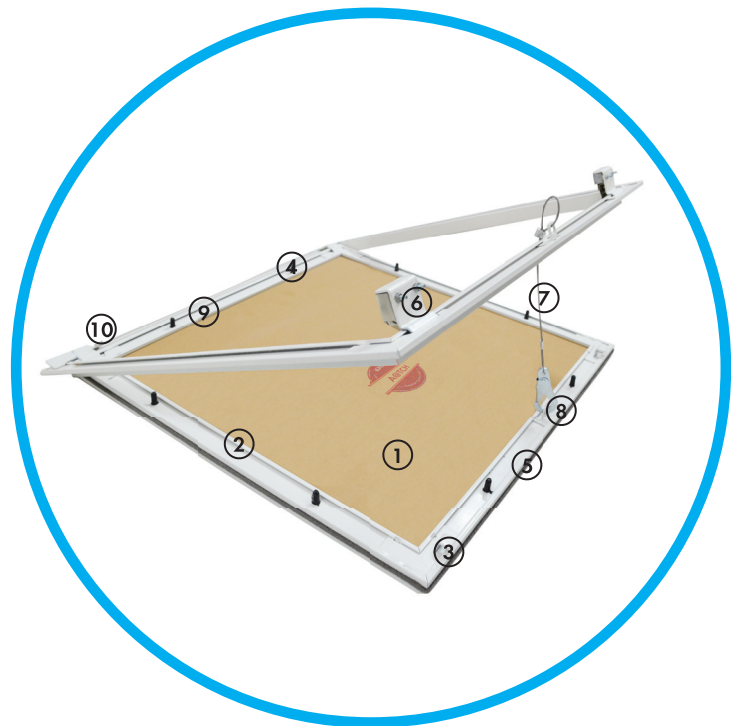
Description	Material	Specification
Plasterboard	Moisture resistant plasterboard	12.5mm thick plasterboard conforming to BSEN 520
Framework	Powder coated aluminium section	Frame thickness - 1.2mm Frame width - 25mm
Corner reinforcement	Hot dipped GI material	1.6mm thick material
Screws	Fully capped drywall screws	Drywall screws of 6 x 25mm PVC cap of size 3 x 15mm
Sealing strip	Sealing strip made of PP & polyester yarn	5 x 4mm
Snap lock	Made from allow material duly plated with copper, nickel & zinc	Mild steel & aluminium alloy (with springs as per EN 42J)
Safety latch	Stainless steel cable	1.5mm dia & 200mm long
Snap hook	Zinc plated at sharp edges	2.9mm thick

Product Details

Item No.	Standard Sizes	Required Opening Size	Weight Per Piece
800297	300 x 300mm	310 x 310mm	2.5 kg
800298	450 x 450mm	460 x 460mm	3.5 kg
799747	600 x 600mm	610 x 610mm	5.0 kg
799745	600 x 900mm	610 x 910mm	6.5 kg
800296	600 x 1200mm	610 x 1210mm	7.5 kg
799743	900 x 900mm	910 x 910mm	9.0 kg

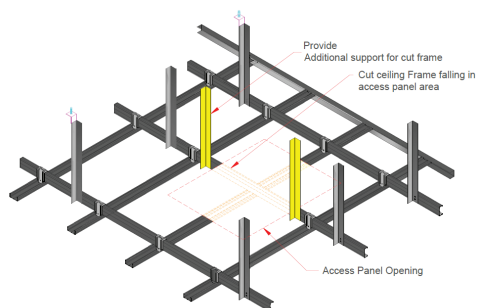
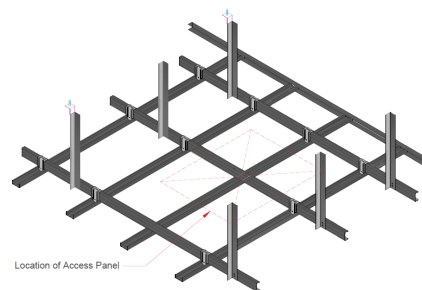
A@TCH Components

Item	Description
①	Plasterboard
②	Framework
③	Corner Reinforcement
④	Screws
⑤	Sealing Strip
⑥	Snap Lock
⑦	Safety Latch
⑧	Snap Hook
⑨	Inner Frame
⑩	Outer Frame



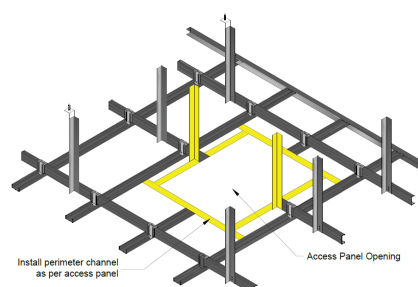
Installation

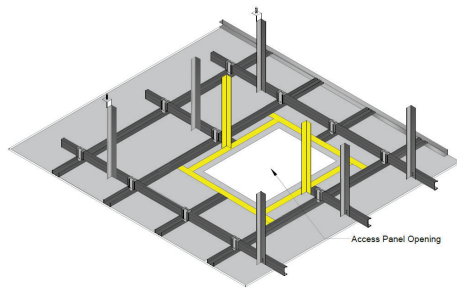
Step 1: Identify the access panel location and mark it accordingly. In the case of an existing ceiling, remove the plasterboard using a suitable tool.



Step 2: Cut and remove any ceiling/intermediate channel obstructing that area. Provide additional intermediate channel support for the cut ceiling sections and ceiling angle support for intermediate channels as required.

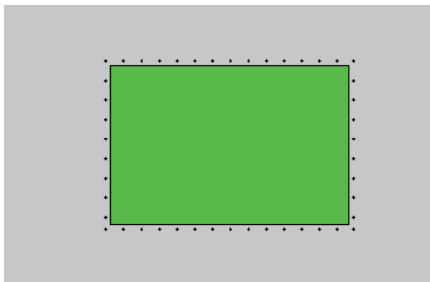
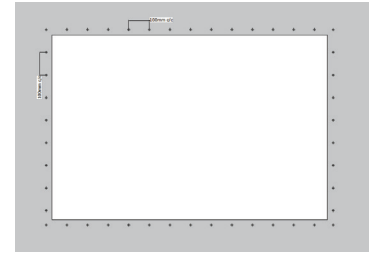
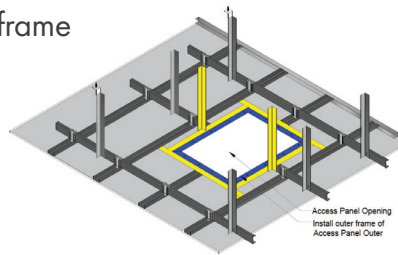
Step 3: Install perimeter channel to create cavity for the access panel.





Step 4: Complete boarding for the rest of the ceiling. Position the board ahead of the perimeter channel to accommodate the outer frame of the access panel.

Step 5: Install the Knauf access panel outer frame and screw it to the frame at 100mm centers.



Step 6: Lay the access panel door in the cavity and latch it with the safety cable before locking the panel door.

Step 7: Remove the detachable access panel door prior to painting, and paint it separately so that no excess material penetrates the narrow joint between the frame and the access door. This prevents any problems from arising when opening and closing the access door.

For customized sizes, lead time or any installation related support please contact Knauf representative directly.

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