

TM

Au.diVoglFuge data sheet

Product Description

Au.diVoglFuge is a unique, continuously perforated flush jointed plaster ceiling solution. The acoustic design ceiling delivers stunning aesthetics for drywall construction, efficiently, economically and with the most reliability during installation for guaranteed results.

Product Features

- Wide range of perforation patterns
- Install ceilings without filler - significant time saving
- Quick mounting of panels edge-to-edge
- No more complex aligning of panels
- Quickest possible joint finishing with the unique patented VoglFuge system
- Maximum crack resistance
- Less dust and moisture
- GECA certified as a sustainable choice

Applications

Ceilings

Joining Options

Panels mounted edge-to-edge for Flush Joining

Finish Options

- Raw: coated on site
- Inluxe Colour: ask for details

Please Note: As per AS/NZS 2311:2017 painting of plasterboard must comprise a 3-coat system with a short nap roller. Failure to do so may result in joins being visible and warranty voided.

- Sealer Undercoat x 1
- Top Coat x 2

Atkar recommends:

- Use light coloured paint only
- Do not use gloss paint
- Use a suitable sealer undercoat
- Use good quality paint
- Allow sufficient drying time between coats
- Do not use a spray gun to paint plasterboard
- Apply paint with a short nap paint roller only

Access Panels

Available - ask for details

Fixing Systems

Proprietary VoglFuge fixing system

Substrates

Plasterboard

Fire Rating

For Group Number fire ratings please contact Atkar.

Warranty

Au.diVoglFuge is warranted for ten (10) years. Refer to Warranty document for terms.

Perforation Patterns

Our manufacturing technique allows Au.diVoglFuge to be produced with a variety of open area and margin options. These options are covered in the following details and are applicable to the panel sizes as indicated.

For custom patterns consult Atkar.

Material Sizes

Standard panel sizes are up to 1200 x 2000mm as shown below. Panel thickness is 12.5mm. For non-standard panel sizes consult Atkar.

Acoustic Performance

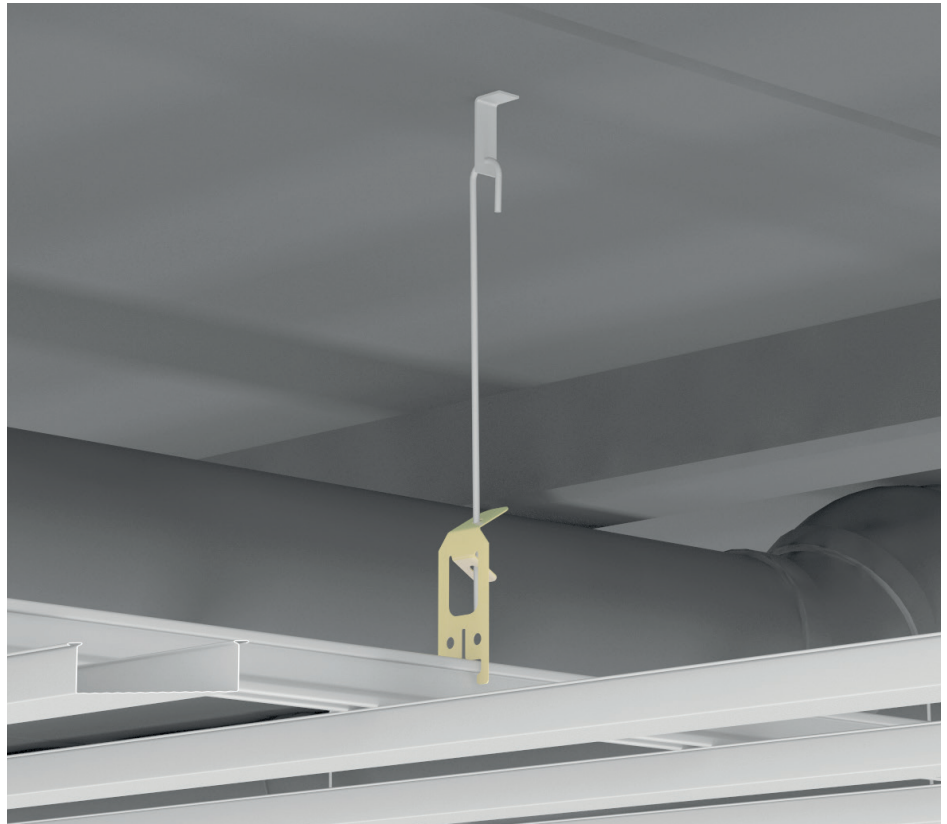
Open Area Guide

Code	Open Area %	Panel Size mm
6/18R	8.7	1188 x 1998
8/18R	15.5	1188 x 1998
8/18Q	19.8	1188 x 1998
8/12/50R	13.1	1200 x 2000
8/15/20R	9.5	1200 x 2000
10/23R	14.8	1196 x 2001
12/20/35R	11	1200 x 2000
12/20/66R	19.6	1188 x 1980
12/25R	18.1	1200 x 2000
12/25Q	23	1200 x 2000
15/30R	19.6	1200 x 1980

6/18R	8/18R	10/23R	12/25R
15/30R	8/12/50R	12/20/66R	8/18Q
12/25Q	8/15/20R	12/20/35R	

Concealed Ceiling System

VoglFuge is installed to a concealed suspension ceiling grid system. Atkar Group can supply all the ceiling system components required for your VoglFuge installation.



Wider Furring Channel

To ensure maximum crack resistance, Atkar Group recommends using our wider 67mm furring channel, which eliminates the need for double furring channels at the joints and reduces framing time.



Installation Guide

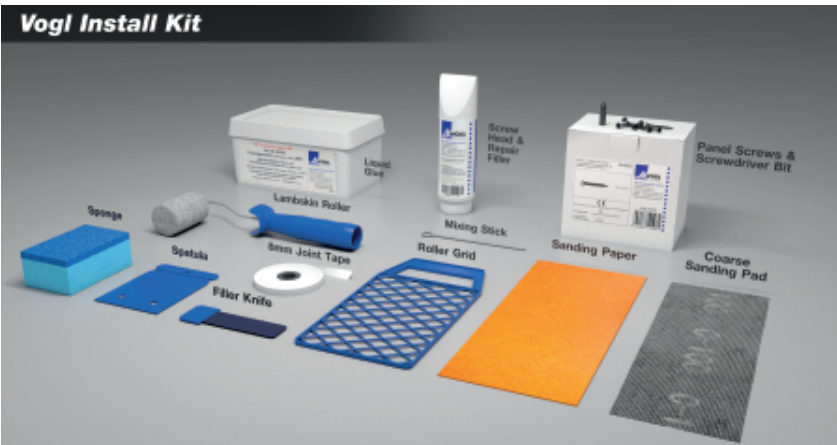
Providing significant time savings on site, with VoglFuge there is no need to use caulking or compound joint filling, which means less drying time and no excessive sanding.

Installation is easy due to its unique joint tape glue system, and by using our wider 67mm furring channel at the joints, VoglFuge can deliver maximum crack resistance.

For any advice or support on your VoglFuge installation please contact Atkar Group on **03 9796 3333** or visit atkar.com.au/vogl to view our 3D Installation Video.

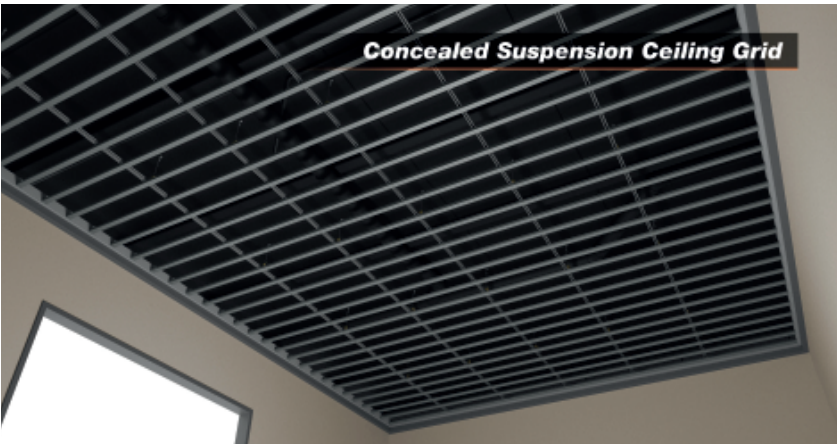
The use of our VoglFuge install kit is required for sheet jointing and includes all the accessories you need for installation.

VoglFuge Install Kit includes: Vogl liquid glue, strip dispenser & 8mm strip tape, sponge, mixing stick, roller grid, lambskin roller, sanding pad, sanding paper, Vogl screw head and repair filler, Japan spatula, Vogl perforated panel screws including bit.



FRAMING & PANEL LAYOUT

VoglFuge is installed to a concealed suspension ceiling grid. Ensure that the ceiling framework is even and level.



Accurately measure centre distances.
Refer to the table for centre distances required.

Perforation pattern	Centre distance
Straight round perforation 6/18, 8/18, 10/23, 12/25 Offset round perforation 8/12/50, Straight square perforation 8/18, 12/25 Random perforation 8/15/20, 12/20/35	333mm
Straight round perforation 15/30 Offset round perforation 12/20/66	333mm

Installation Guide

As viewed from entrance area, choose panel arrangement with short edges parallel to windows.

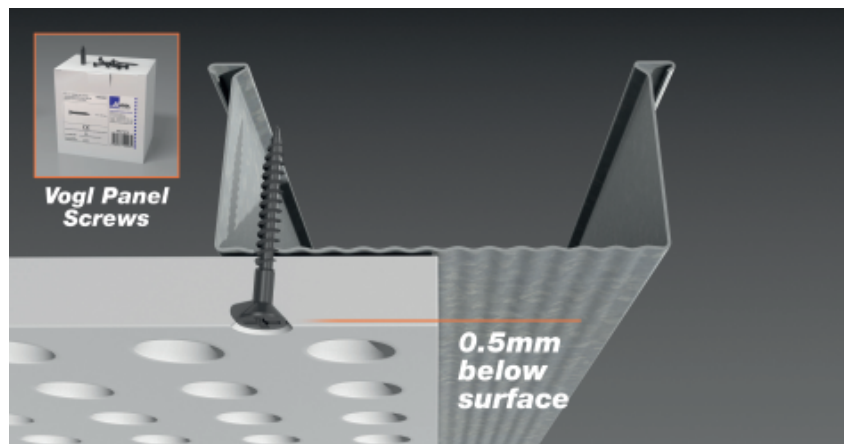


For best panel arrangement, locate the centre of the room, then lift the first panel into position.



Insert the supplied screws at right angles, direct in to the furring channel, and counter sink to 0.5mm below the panel surface.

Take care not to overdrive the screw any further than 0.5mm.



The use of our wider 67mm furring channel throughout the ceiling is highly recommended, as it eliminates the need for double furring channels at the joints.

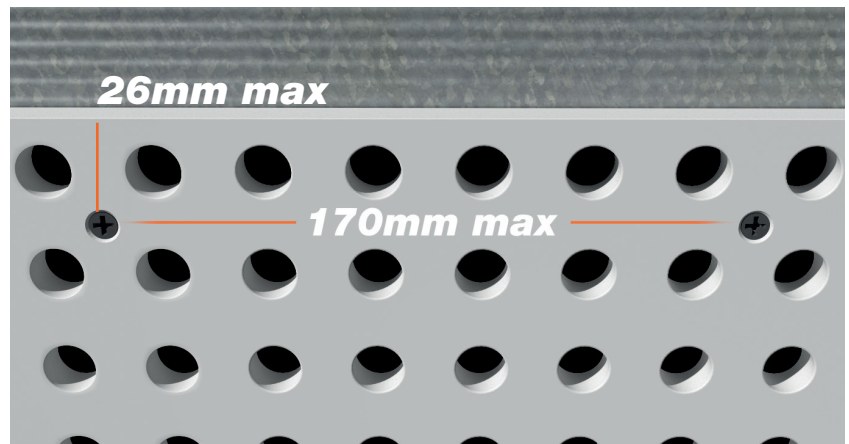
This not only reduces framing time but also ensures maximum crack resistance.



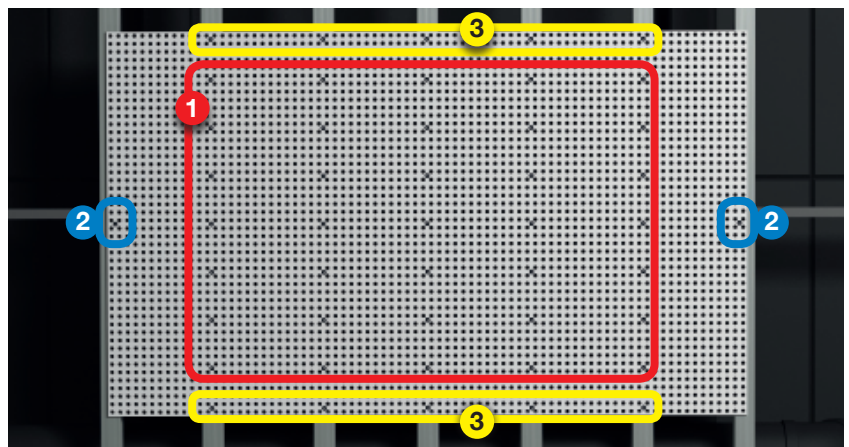
Installation Guide

Screws should be spaced no more than 170mm from each fixing point and the distance between screw and panel edge is not to exceed 26mm.

Avoid damaging acoustic design panels by countersunk heads.



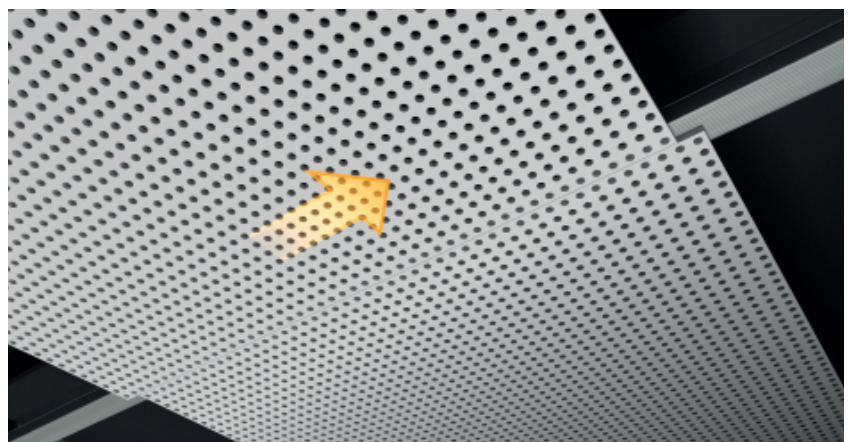
To secure the panel, first screw into the centre section of the panel (1), followed by the centre of each short edge (2) before finally screwing down the long edges (3) as per the diagram.



Panels come with printing on one edge and it is important that they are all installed with the printing facing the same direction.

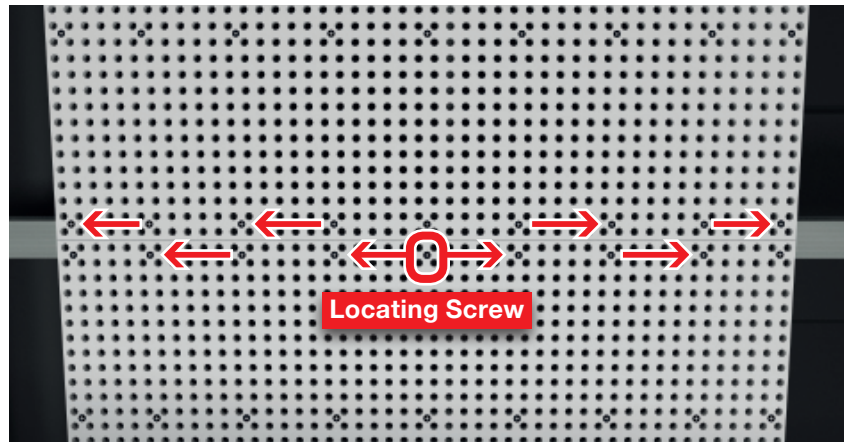


Position the next panel beside the first, by sliding it along and fixing it in place.



Installation Guide

Fix the screws in the panel joint in alternating patterns (zig-zag method) on the left and right side of the locating screw. This will create a tight and flush joint and ensure it is evenly aligned.



Install ceiling panels first lengthways, then crossways, resulting in cross arrangement on ceiling. Cover remaining areas in same manner, working from centre of room outwards.

Lay remaining ceiling panels edge-to-edge, always checking that joints are level and using "cross joint" system only.

Do not stagger the joints.



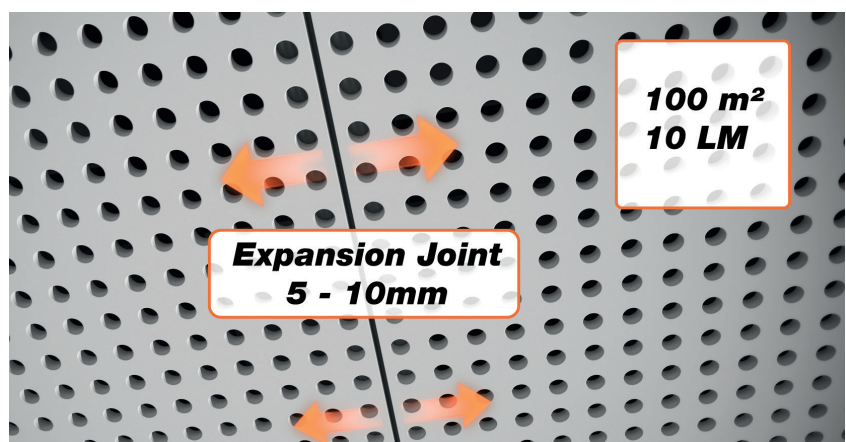
After all panels have been installed, re-check that all joints are level and adjust, if necessary, using a screwdriver. Then check with a straightedge.

Insulation can be laid directly on the VoglFuge panels in the void if required.



Provide an expansion joint of 5 - 10mm every 100m² or 10 lineal meters.

Back blocking can be used to cover the back of the expansion joint, but must be secured to one panel side only.



Installation Guide

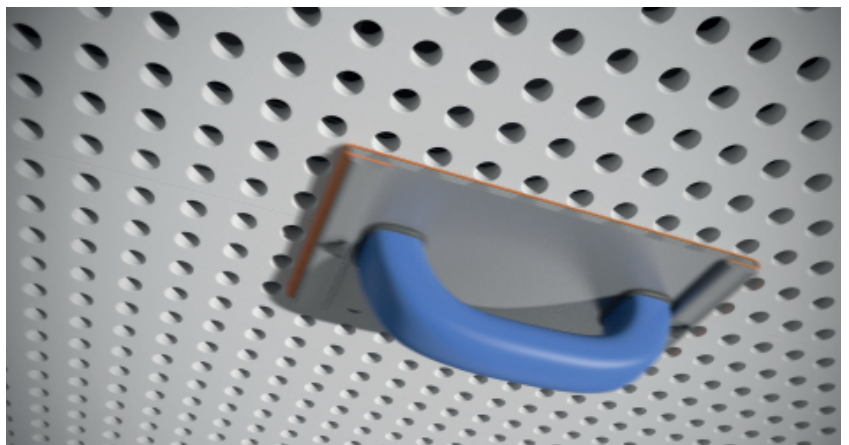
Use the Screw Head and Repair Filler that is included in the installation kit, to fill the screw heads and patch any chips if necessary.



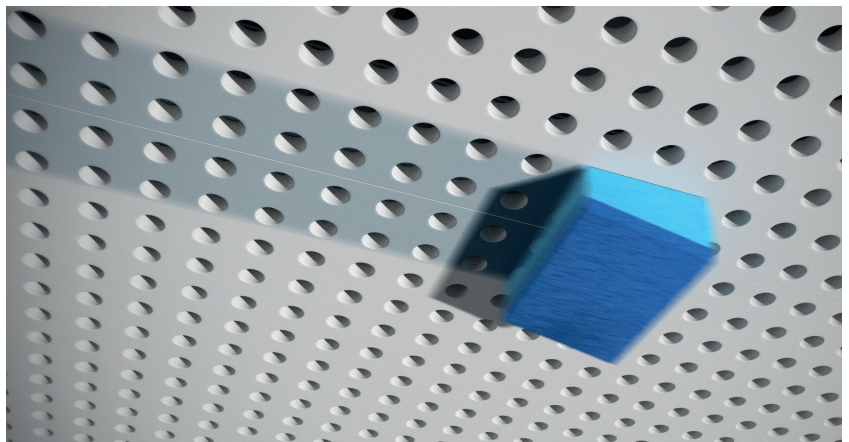
JOINTING

Once the Screw Head and Repair Filler is dry, use the supplied coarse sanding pad to remove any protruding filler.

It is important to only sand in the same direction of the joint. Do not cross sand or sand back and forth.

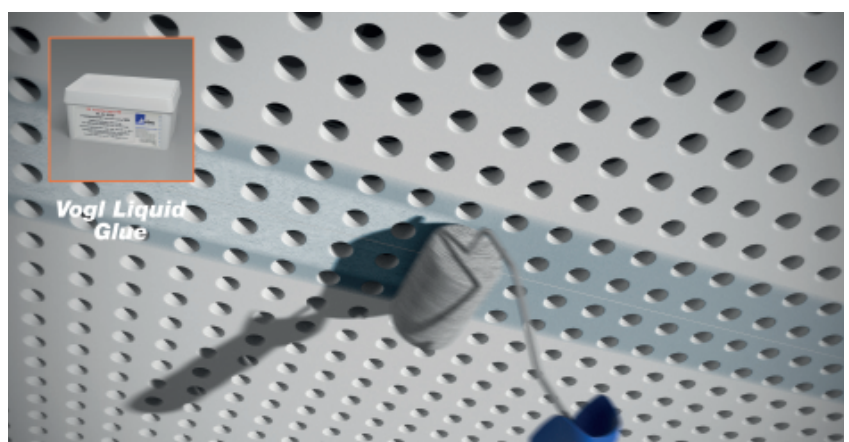


Slightly dampen joint area using a sponge, but avoid excessive wetting of Vogl panels.



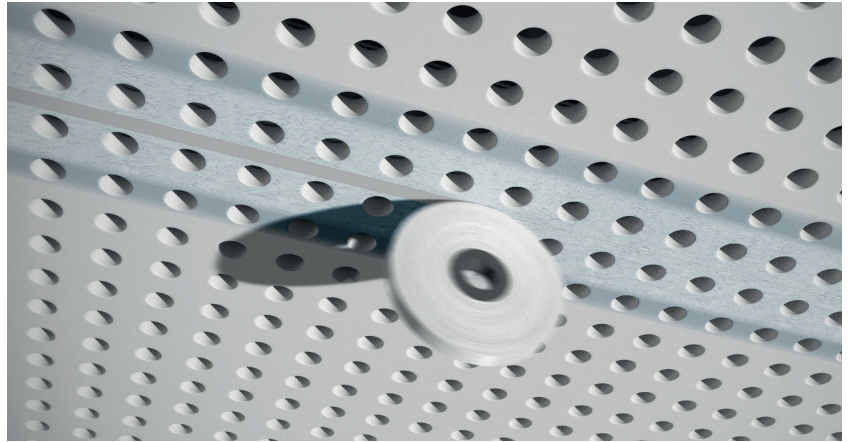
Using the supplied lambskin roller and Liquid Glue, apply an even coating over the joint, ensuring there is a fine texture of the glue visible.

Vogl Liquid Joint Glue is already premixed.



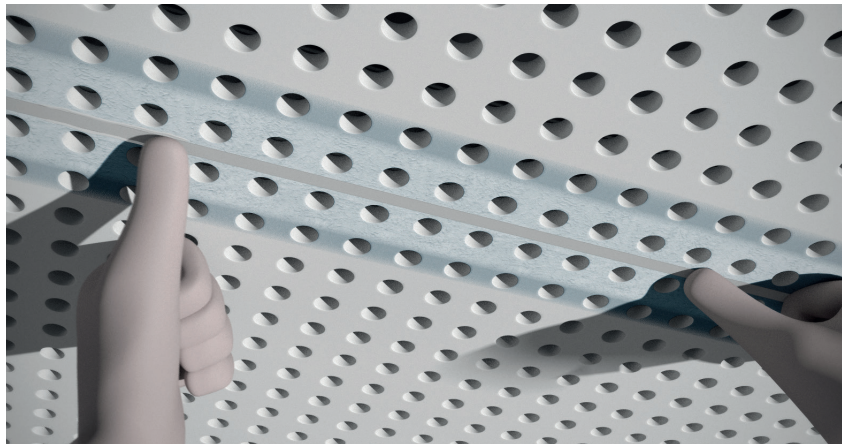
Installation Guide

Whilst the glue is still wet, apply the supplied 8mm joint tape over the panel joint, ensuring the shiny, rubber side of the tape is facing the ceiling panels.



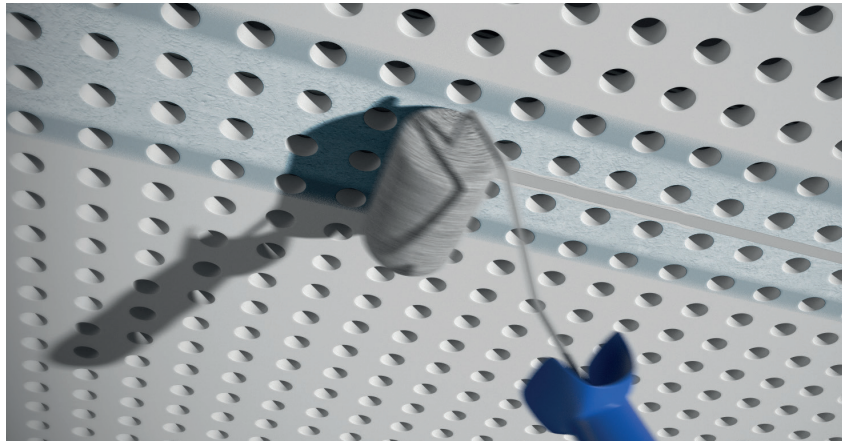
With your thumb, press on the tape until you can see the glue come out from both sides, then slide your thumb along the tape to ensure it is evenly adhered to the glue and the joint is covered.

It is important that the jointing tape is applied end to end and does not overlap.

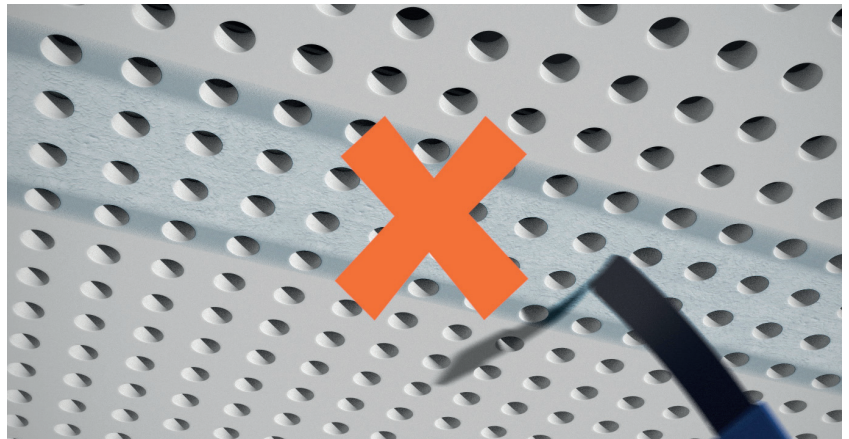


Apply another generous layer of Liquid Glue over the tape with the roller, applying slight pressure as you roll.

Ensure you do not get any glue into the acoustic perforations.

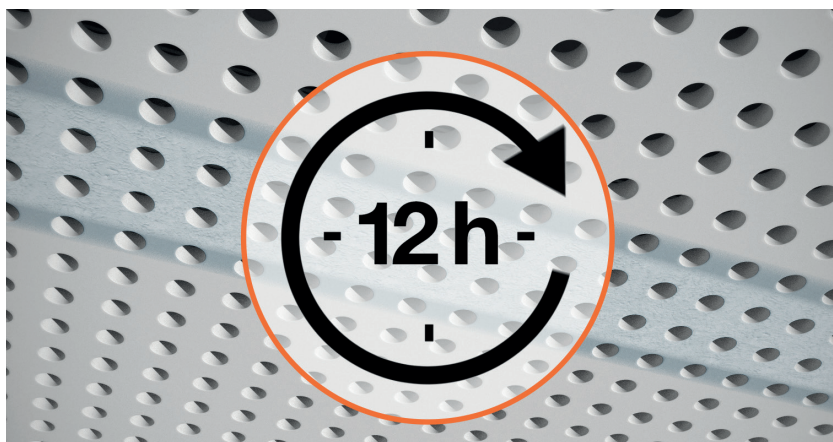


Do not clean or scrape the joint when it is wet as it will damage the tape and joint system.

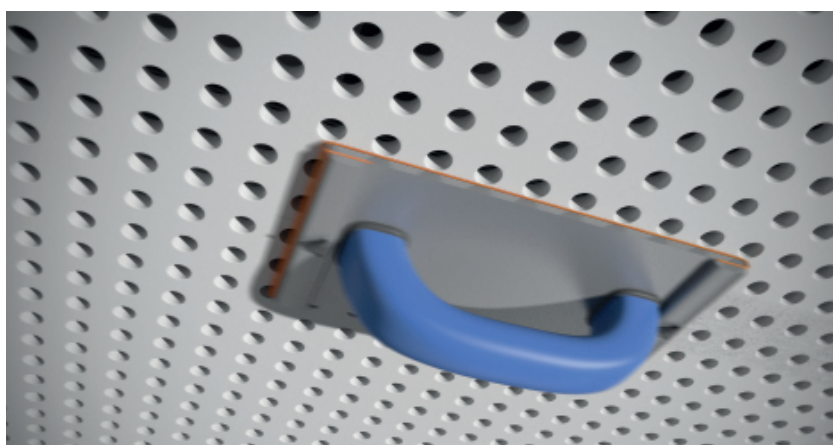


Installation Guide

Continue this procedure for all panel joints then allow to dry naturally for 12 hours.



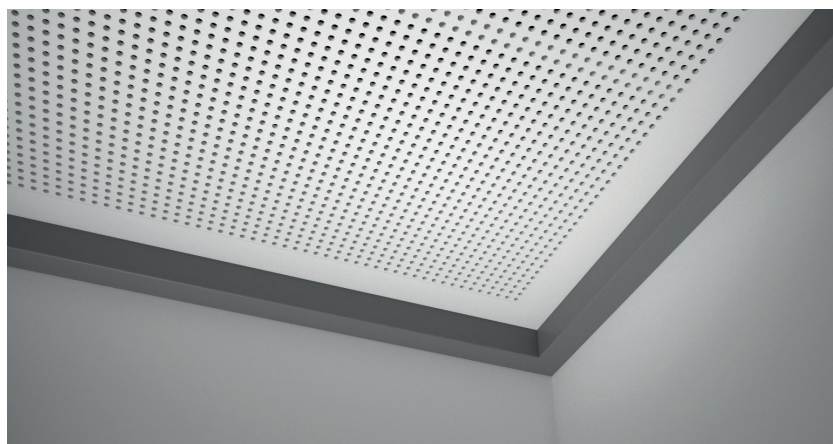
Once fully dried, gently sand the area in the direction of the joint using the supplied fine sand paper, taking care not to over sand or cross sand.



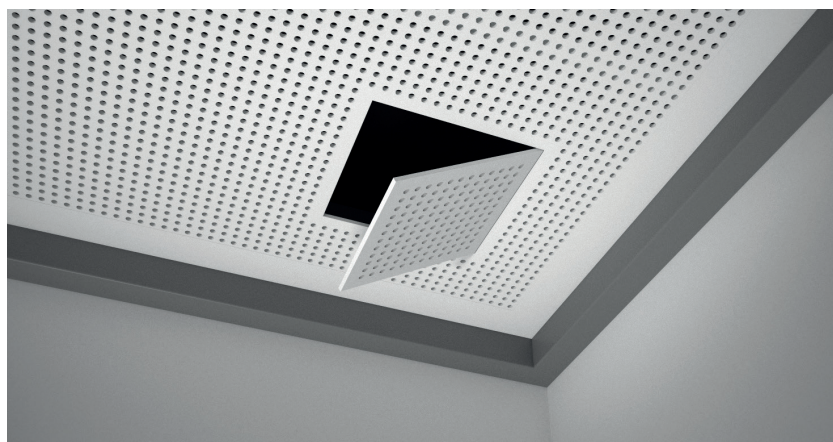
FINISHING

If solid borders or sections are required, use Vogl Frieze Tape to cover the perforations to achieve your required look.

Frieze border tape is to be applied using a similar process as the joint tape. For full details refer to Vogl Frieze Tape data sheet on our website.



Integrated Access panel hatches are also available to match the perforation pattern you have installed on your ceiling.



Installation Guide

When ready for painting, use a sealer undercoat and 2 top coats using a short nap roller only. Spray applications are not recommended.

We also suggest the use of a good quality matte paint which is light in colour.



Manufacturers Instructions /
General Site Conditions.

Correct handling of ceiling panels:

- > Do not store ceiling panels upright, but always flat on panel pallets
- > Always carry ceiling panels with short edges upright
- > Protect ceiling panels from dampness. Relative humidity should be 40-80%
- > Avoid major temperature fluctuations
- > Do not expose stored ceiling panels to direct sunlight

INSTALLATION VIDEO & SUPPORT

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Framing & Panel Layout



atkar.com.au/vogl