

A100 ceiling installation

Sound absorber from our own production
Available as a ceiling module in four mounting options



A100 Deckenabsorber im Museum Weseburg, Bremen

The A100 is a highly effective, broadband sound absorber and is manufactured in four standard formats or made to measure in our workshop in northern Germany.

We offer the A100 as a ceiling canopy in four different installation options, which are described below. Please inform yourself about the conditions on site before making a decision; not every

version is equally suitable for every installation situation. We do not include dowels; these should be selected according to the ceiling type.

Mounting plate with Velcro

The A100 is equipped with a permanently fixed rear panel, which is recessed by 15mm all round and is fitted with fleece tape ex works. The mounting plate has identical dimensions and is covered with hook tape. The mounting plate can be very easily aligned to the ceiling, preferably with the aid of a ceiling support. Especially in the case of complex geometries or if no laser is at hand, it is advantageous if instead of the fabric-covered module, only the light and insensitive mounting plate is positioned and screwed in place first.

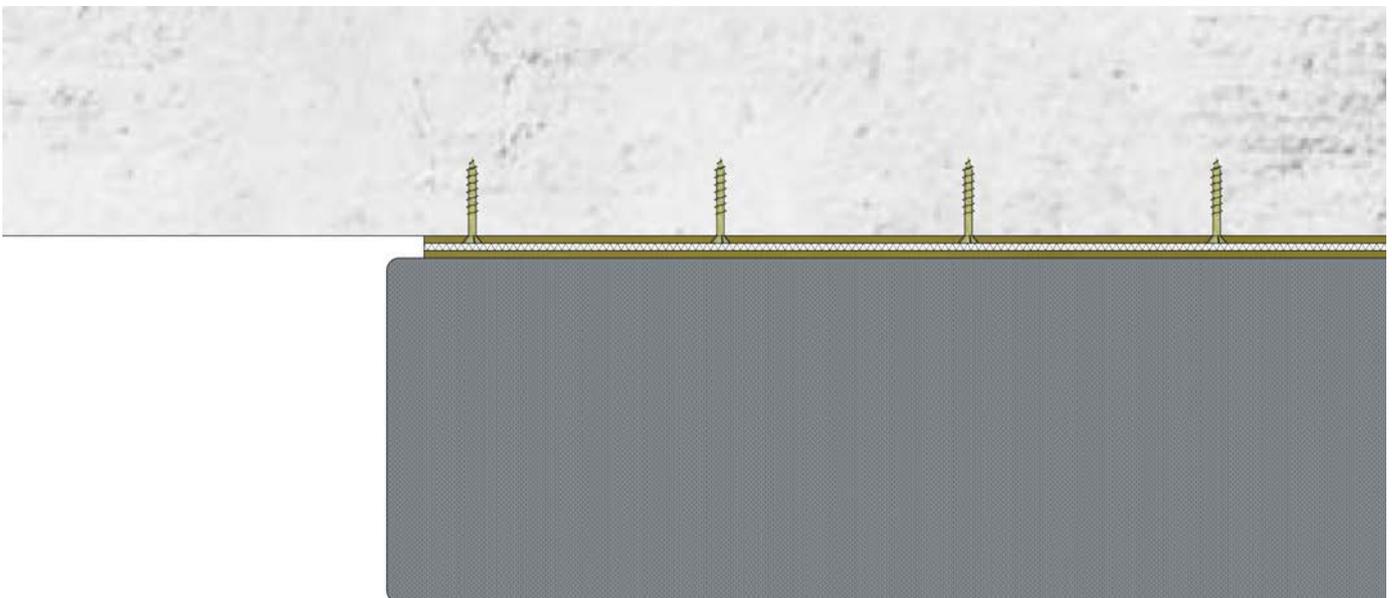
With plasterboard or wooden ceilings, countersunk screws can be screwed directly through the mounting plate into the ceiling. It is important to use a sufficient number of screws so that the mounting plate is tight against the ceiling and does not have any waves. It is recommended to screw from the centre of the plate outwards. As soon as the mounting plate is suspended, the actual absorber module can simply be attached via the Velcro connection. And if the ceiling is to be painted later, the ceiling module can simply be removed and stored while the mounting plate remains on the ceiling.

Advantages:

- + particularly easy installation in drywall ceilings
- + easy alignment of the light and insensitive mounting plate
- + absorber module can be removed at any time
- + direct ceiling mounting

Disadvantages:

- time-consuming for ceilings that cannot be screwed into (e.g. concrete ceilings).



Magnet

With this mounting variant, the permanently fixed rear panel is not required and the A100 is instead equipped with powerful neodymium magnets. Since the A105 does not have the necessary installation depth, we only offer this mounting variant for the A115 type. Mounting is done with the help of small metal plates that are screwed or dowelled to the ceiling. Small dimensional deviations of up to 2 cm are not critical because the metal plates are larger than the magnets in the ceiling module.

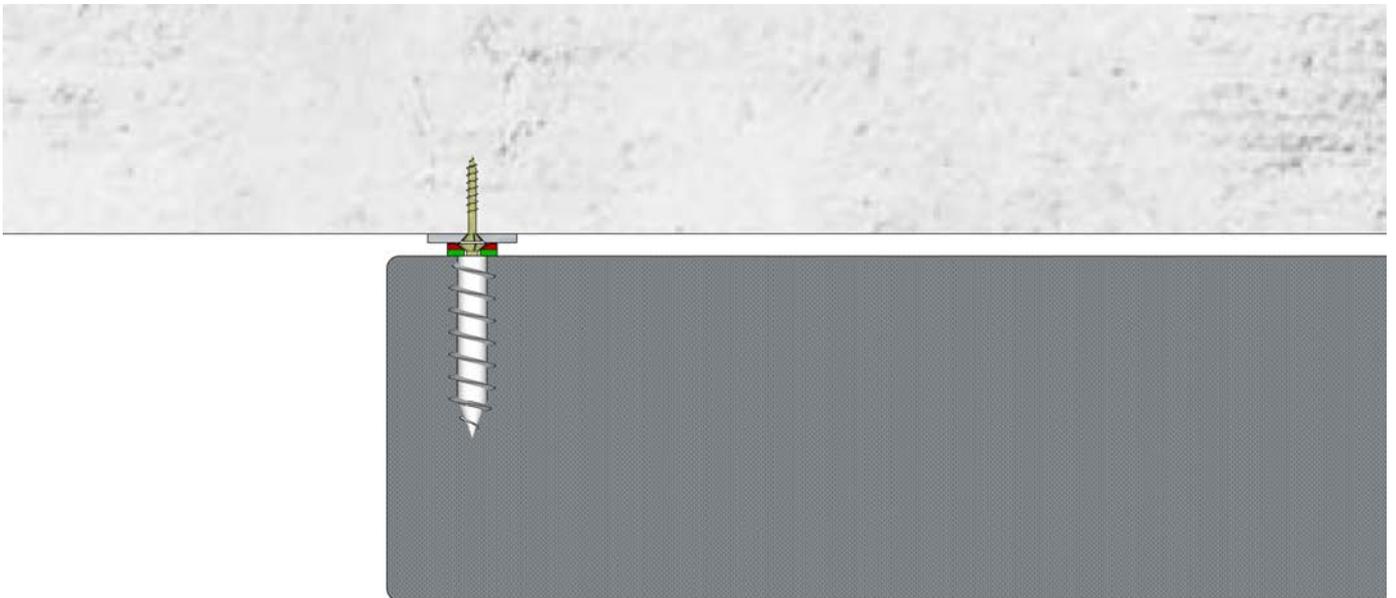
Here, too, it is very practical that instead of the fabric-covered module, the metal plates are positioned and screwed in place first. Compared with the mounting plate, considerably fewer (four for smaller, six for large modules) fixing points are required here. With this mounting variant, too, the ceiling module can be easily removed at any time by carefully pushing it sideways until the metal plates are no longer in contact with the magnet.

Advantages:

- + easy installation with only a few fixing points
- + Also suitable for reinforced concrete ceilings
- + absorber module can be easily removed later on
- + direct ceiling mounting

Disadvantages:

- not available for absorber type A105



Spiral hooks

Mounting using spiral hooks is the most economical way to use an A100 as a ceiling module. Instead of a permanently fixed back panel, spiral hooks are included with the A100, which are twisted into the back of the module shortly before mounting. With the help of the spiral hooks, the A100 can now be fixed to the ceiling. The additional mounting material required for this, such as steel or nylon ropes, cable ties, hooks, etc., is selected according to the mounting situation and is not included with the absorber.

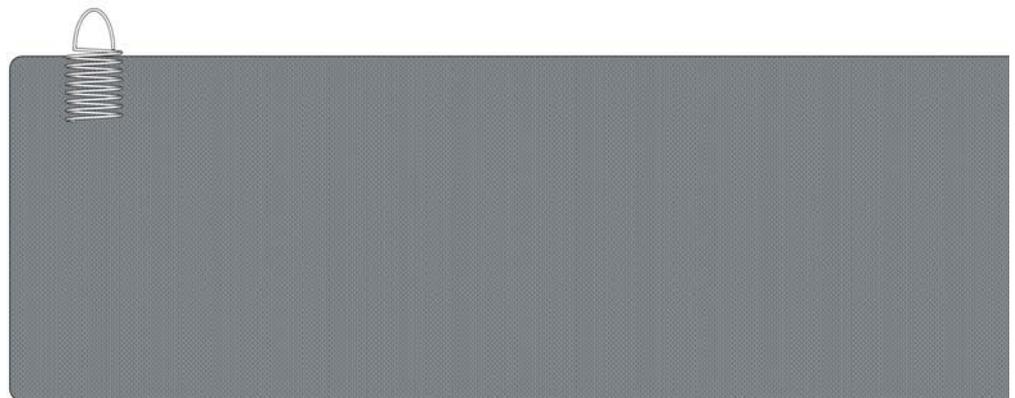
As long as stability is not compromised, the positions of the spiral hooks on the back of the absorber can be freely selected, so that difficult mounting conditions (beams, ventilation ducts, etc.) can also be accommodated. Since the height of the suspension can also be freely selected, this mounting variant offers maximum flexibility.

Advantages:

- + Mounting with only a few fixing points
- + Suitable for every ceiling type
- + Mounting points can be determined on site
- + most economical version
- + Suspended ceiling mounting

Disadvantages:

- additional mounting material required



Spiral hook incl. wire rope and carabiner

Those who appreciate the flexibility of mounting with the help of spiral hooks and at the same time are looking for a well thought-out mounting system should consider this mounting option. This version not only includes the spiral hooks, but complete mounting kits with ceiling fastener, screw cap, wire rope and carabiner enclosed. The height of the suspension can be freely selected between 10 and 150 cm for each wire rope, so that sloping installations are also easily possible. The adjustment of the rope length is done comfortably and safely via a clamping mechanism in the carabiner and can be adjusted variably at any time.

Here too, difficult installation conditions (beams, ventilation ducts, etc.) can be responded to by selecting the installation points and the height of the suspension can be freely chosen. This variant combines maximum flexibility and simple assembly.

Advantages:

- + easy installation with only a few fixing points
- + Suitable for any type of ceiling
- + mounting points can be determined on site
- + complete set, no accessories required
- + suspended ceiling mounting

Disadvantages:

- slightly higher costs

