

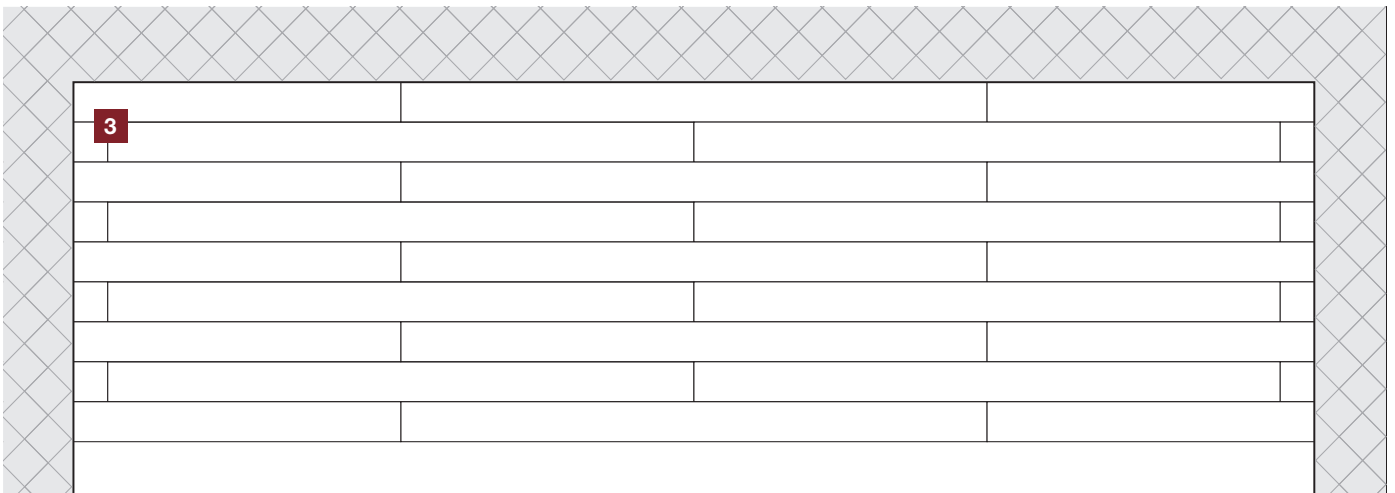
Iso panel

1 Type of installation

The panels can be fitted onto, beneath or in between beams, rafters or furring strips. Determine the installation direction diagonally to the substructure. The installation surface must be level. Using a chalk line helps to maintain a straight installation line.

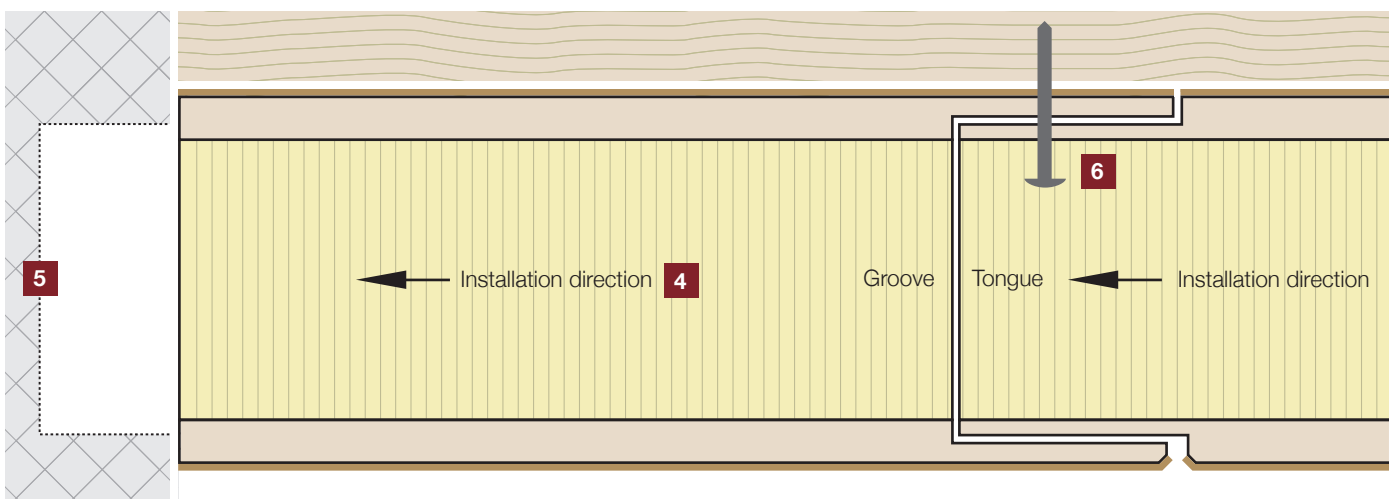
2 Installing the furring strips (if required)

Install furring strips diagonally to the installation direction of the Iso panels. Nail or screw the furring strips at a distance of 50 to 60 cm to the wall or ceiling. To ensure air circulation behind the Iso panels, set off every second strip from the side wall, and also leave a gap at the joints of two strips. Align strips with a spirit level and compensate irregularities of the wall with small wooden wedges.



3 Determining the installation layout

We generally recommend English bond. With this method, a whole Iso panel is used for the first strip and the first Iso panel halved with the second strip. The resulting leftover panel can be used at the end of the strip in most cases. This type of installation results in a perfect bottom view, and small dimensional differences that may occur during installation are not visible.



4 Observe the installation direction: work “tongue in groove” (GROOVE ← TONGUE)

Always work “tongue in groove”. It is especially important to always start with the tongue pointing towards the outer wall.

A different kind of installation may lead to protrusions of the joins on the surface that are visible later on and cannot be corrected retrospectively.

5 Wall connection

Cut off the tongue lengthwise and at a right angle from the thermal insulation. Push the Iso panel with the blunt side flush to the wall and attach invisibly to the furring strips.

6 Attachment

Attach the Iso panel with screws or nails (electric tacker or nail gun) invisibly in the groove on the furring strips.

7 Also cut off the tongue on the next Iso panel (wall connection), push the Iso panels together until they are flush and attach them.

8 Cut the last Iso panel of the first strip to size and adapt. Use the rest of the panel to start the next strip.

9 Fill expansion joints, wall connections, electric outlets, other cut-outs and installations with soft insulation material or insulating foam to prevent any thermal bridges.

Tools

For division and processing on site, we recommend standard woodworking machines.

Transport

Crane transport should be performed with a pallet fork only.

Delivery

Delivery of the exact quantity on single-use pallets wrapped with stretch film.

Storage

Store in rooms protected from weather influences and solar radiation.