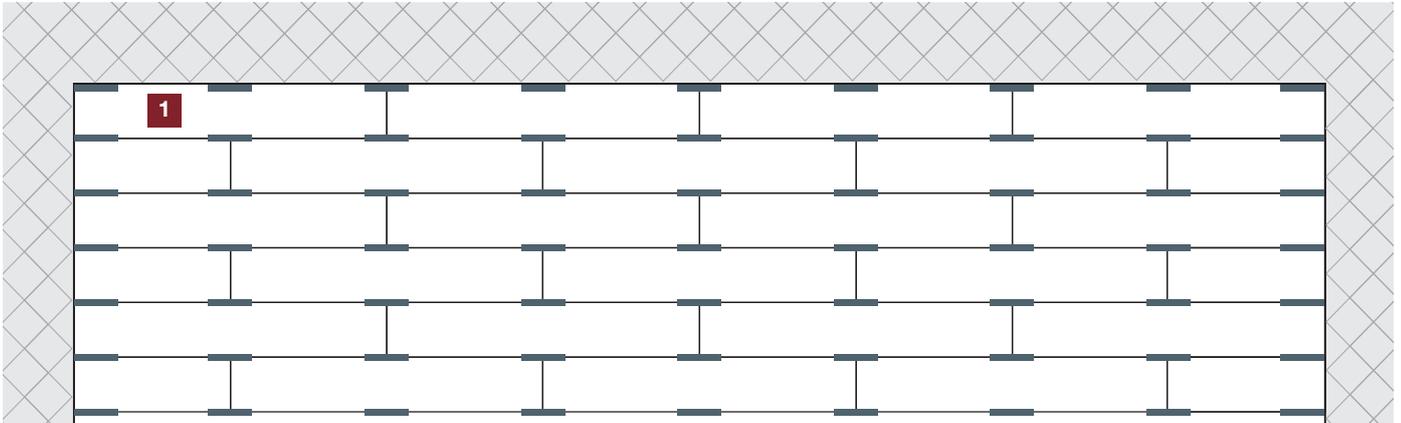
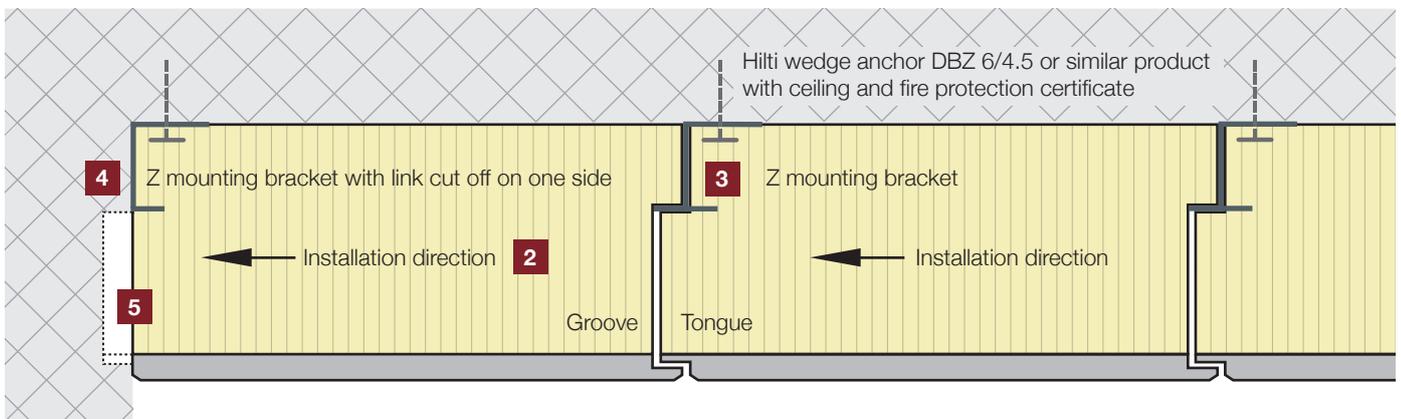


## Type DS, DL, DP and DM insulation panels



### 1 Determining the installation layout

Determine the installation layout observing adaptations to parts and keeping the loss of material through cutting to a minimum. We generally recommend English bond. With this method, a whole panel is used for the first strip and the first 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.



Two Z mounting brackets are used per panel.

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

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 joints on the surface that are visible later on and cannot be corrected retrospectively.

### 3 Attachment

Invisible attachment with the Z mounting bracket made of hot-galvanised sheet metal. Two brackets must be used per panel. The Z mounting bracket is attached directly to the ceiling or wall with a wedge anchor type DBZ 6/4.5 by Hilti or a similar product with a ceiling and fire protection certificate.

### 4 Wall connection

Cut off the link on one side of the Z mounting bracket, and attach it directly to the ceiling or wall with a wedge anchor.

## **5 Wall connection**

Cut off the tongue lengthwise and at a right angle from the thermal insulation. Suspend the panel with the blunt sides with the corresponding groove in the Z mounting bracket, push flush to the wall and install Z mounting bracket. Also cut off the tongue on the next panel (wall connection), install the Z mounting bracket and connect the next panel lengthwise.

**6** Cut the last panel of the strip to size and adapt. Use the rest of the panel to start the next strip.

**7** 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 on site, we recommend using chrome or carbide tipped wood saws or an angle grinder designed for stone. For detail work with jigsaws, use saw blades with coarse teeth or chrome or carbide tipped jigsaw blades. Cement-bonded chipboard must be drilled with standard power drills at high torque. Fine dust with an elevated dust weight is generated during work. Although the dust does not contain any substances that may be hazardous to health, we recommend wearing a fine dust mask.

## **Cleaning**

The surface can be cleaned with a high-pressure cleaner.  
Only use solvent-free and non-aggressive cleaning agents.

## **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.