



LINZMEIER

Insulate with system

Information and examples of the installation of cellar ceiling insulation LINITHERM PAL KD

Cellar ceiling insulation

LINITHERM®

Installation



Material requirement

Delivery

Safety provision

Tools

Installation LINITHERM PAL KD

LINITHERM elements, attachment hooks, LINITHERM adhesive tape. Screws and dowels to be provided on site depending on the brickwork/ceiling.

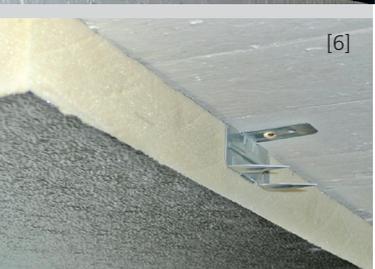
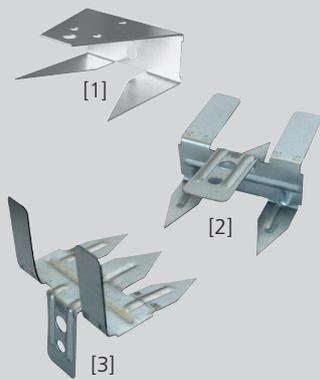
LINITHERM insulation elements are delivered on pallets. Unloading or transporting the elements on side has to be done carefully. During all works (laying the elements, etc.), it has to be observed, that no damages occur. The elements have to be protected against damp and UV light during storage, transport and installation, especially around the cut edges.

The safety regulations on construction sites need to be observed.

For the installation of LINITHERM insulation elements only a few tools are necessary, which are usually available on every construction site. These are e. g. portable circular saw, jigsaw, foxtail, cutter knife, hammer, hammer drill, cordless screwdriver, level, etc.

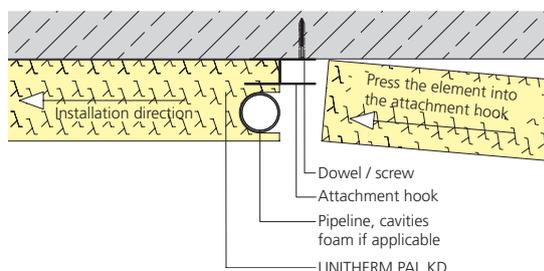
Installation information for LINITHERM PAL KD

- For the first row of boards, fix the LINIFIX edge fixation clamps [Fig. 1] to the ceiling according [Fig. 4]. Place the clamps on the lengthwise joint with approx. 15 cm distance to the cross joints. Two clamps per lengthwise are needed.
- Fit the first row of boards tightly on the pre-assembled edge fixation clamps.
- Press two fixation clamps [Fig. 2] per element at the lengthwise joint into the PU rigid foam [Fig. 5] and dowel to the ceiling [Fig. 6]. Keep a distance of approx. 15 cm to the cross joints.
- Press the next row of boards into the fixation clamps of the previous lengthwise joint and fix them with the clamps as described above. Proceed with the remaining rows as described.
- For the last row of boards, bend the fixation clamp according [Fig. 3] and press them into the boards to have a fixation strap over the edge of the board [Fig. 7]. Press the boards diagonally into the claws of the last joint, bring them upwards and dowl the end into the wall.
- Foam connecting joints, cut off protruding foam.
- Mask element joints and wall connection joints with adhesive tape [Fig. 8] (surface must be free of dust and grease; if necessary, use a damp cloth). Press the adhesive tape on using a brush or another suitable tool. If desired, the adhesive tape can also be omitted.



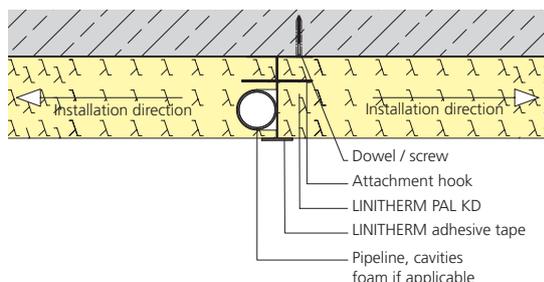
Pipelines

The elements are installed from the pipeline to the walls. The attachment hooks are mounted in advance in the area of the pipeline. The insulation is adapted to the pipe and foamed later if applicable (see sketch).



Please note:

Particular specifications with regard to claddings of e. g. supply lines must be observed.



Depending on the mounting base alternative installation options may be possible. Appropriate processing guidelines of the fastening manufacturer (e. g. adhesive) must be observed separately. The processor is responsible for the assessment of the mounting base on site.