

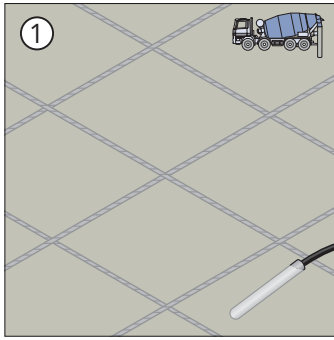


Anchor Pins

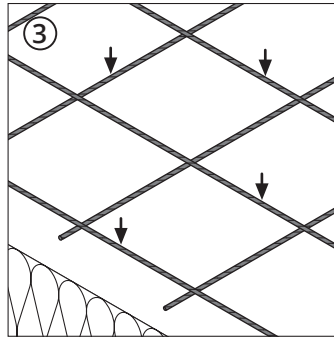
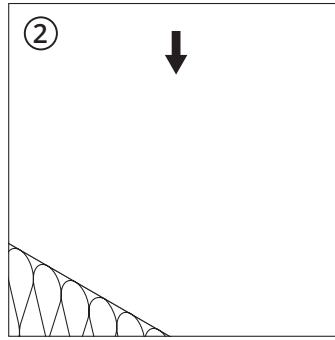
Installation instructions

PFEIFER

Connector pin cross – installation instructions

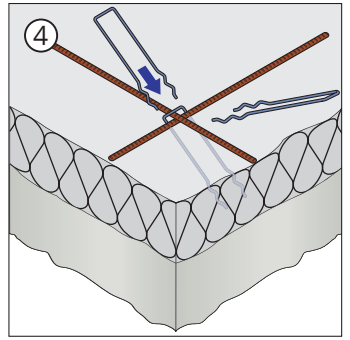


Reinforce, concrete and compact the facing layer.
Then install the thermal insulation.



Reinforce the load bearing layer and install the VN Connector Pins.

Complete the installation of the connector pins at the latest 60 min after adding of the mixing water. The first connector pin must be inserted at an angle of 45° over a reinforcement cross through the thermal insulation layer into the fresh concrete of the facing layer. The crossing point of the two connector pins must lie in the centre of the thermal insulation layer. After the pin point has reached the formwork base, the pin is to be pulled back to the necessary embedment depth. Insert the second connector pin at an angle of 45° and perpendicular to the pin inserted first over a reinforcement cross through the thermal insulation layer into the fresh concrete of the facing layer. After the pin point has reached the formwork base, the pin is to be pulled back to the necessary embedment depth.

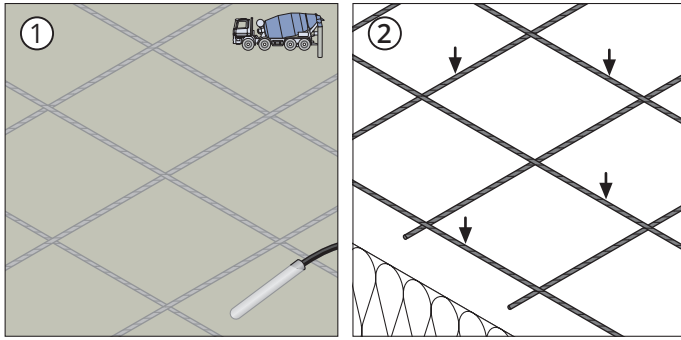


Notice:

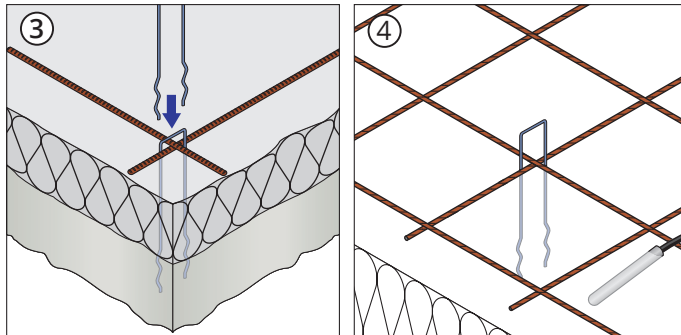
As an alternative to the illustrations, you can start by manufacturing the load bearing layer and then concrete the facing layer in the last manufacturing step. The procedure must take place analogously.

Re-compact the facing layer and then concrete and compact the load bearing layer.

Connector pin cross – installation instructions

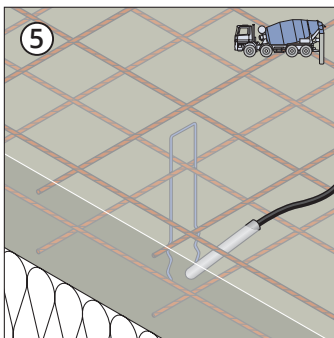


Reinforce, concrete and compact the facing layer.
Then install the thermal insulation and reinforce the load bearing layer.



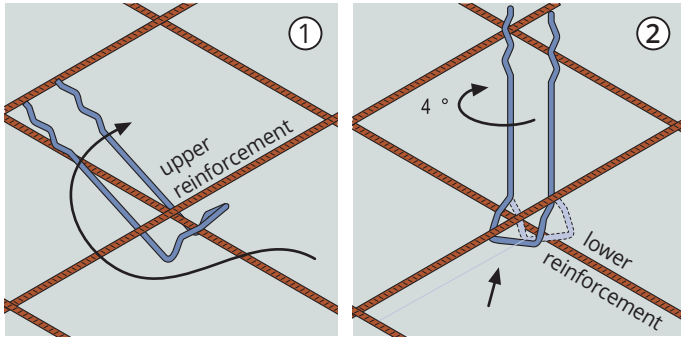
Install the connector pins

Insert the connector pins through the insulation at the latest 60 min after adding of the mixing water. Ensure here that the pin is pushed exactly above a reinforcement cross in the mesh and into the fresh concrete layer of the facing layer. The facing layer must then be compacted again.



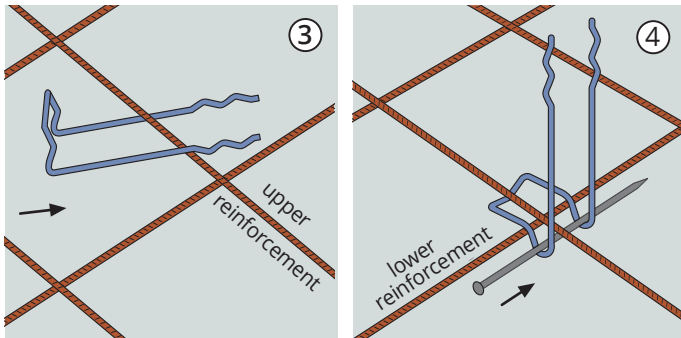
Concrete and compact the
load bearing layer

Clip-on pin – installation instructions



Fixing the clip-on pin to the facing layer reinforcement:

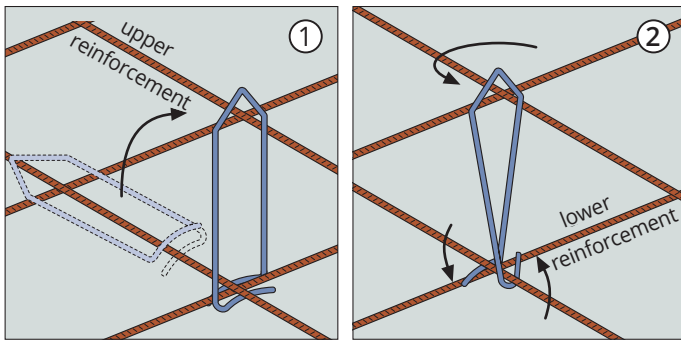
To do this the pin must first be inserted into the upper reinforcement layer and then stood upright. The pin then only needs to be turned clockwise above the lower reinforcement in order to fix it.



Alternative fixing method:

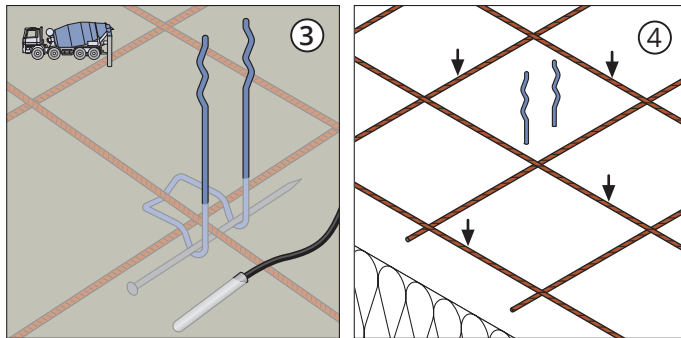
Alternatively the pin can be fixed with a pin or a nail. To do this the clip-on pin must be guided around the upper reinforcement, stood upright and the nail/pin for fixing inserted laterally.

Clip-on stirrup – installation instructions



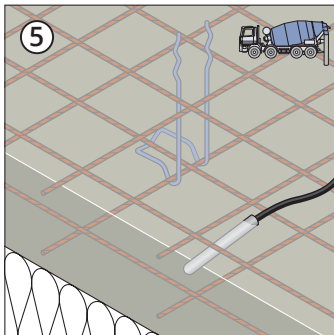
Fixing the clip-on stirrup:

For fixing, the clip-on stirrups are initially clamped with the open end of the pin to the upper reinforcement of the mesh. Afterwards the stirrup is stood upright at the reinforcement cross. By pressing together and turning anticlockwise, the stirrup fixes itself by engaging with the lower reinforcement.



Insulation and load bearing layer:

After the mounting of the clip-on pin/stirrup, the facing layer is concreted and compacted. The thermal insulation is now pressed over the pin or, if using the stirrup, the insulation must be recessed. Afterwards the load bearing layer can be reinforced.



Finally the load bearing layer is concreted and compacted.

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