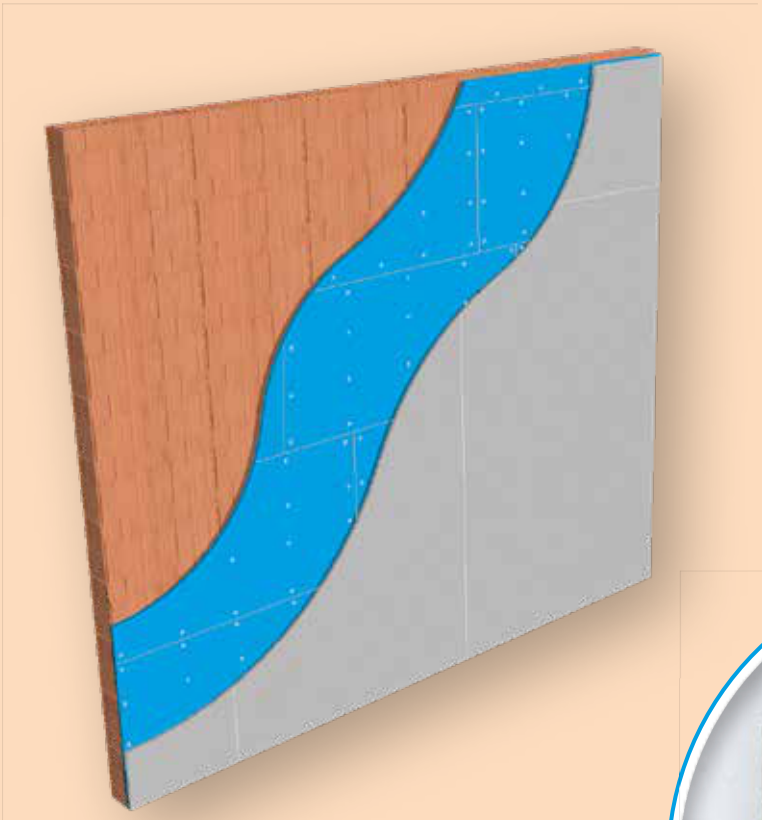
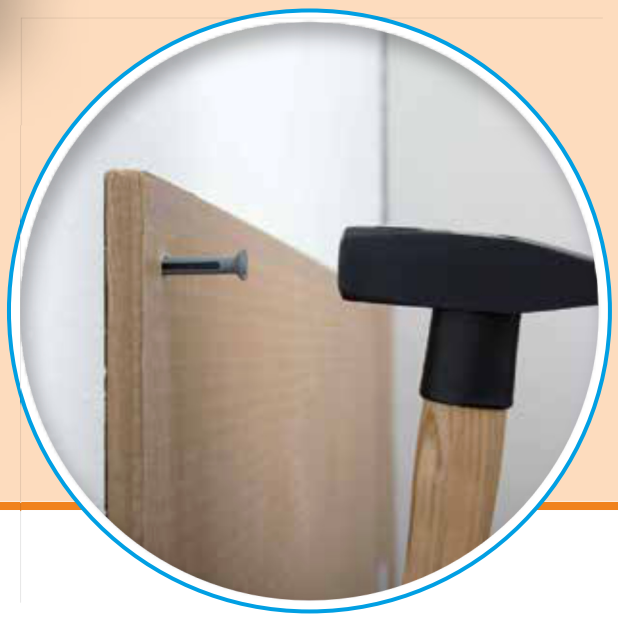




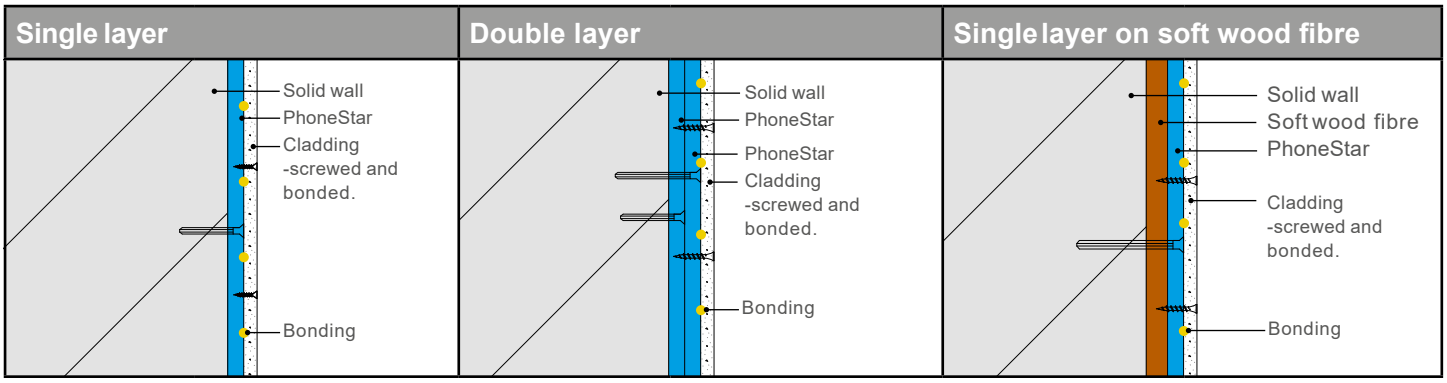
PhoneStar

Sound insulating boards

Mounting on masonry / concrete

Direct mounting on masonry

VARIANT: DIRECT MOUNTING OF THE PHONESTAR TRI 15 MM OR PHONESTAR PLUS TRI 15 MM



WALL PROPERTIES FOR DIRECT MOUNTING

Prerequisite is an even wall surface that ensures full-surface contact of the PhoneStar board.
The Wolf system dowels must be selected in such a way that an anchoring depth of at least 40 mm in the component is guaranteed.
In the case of additional layers such as soft wood fibre between the component and PhoneStar, the Wolf system dowel should be correspondingly longer.

NOTE:
Direct mounting on the wall with PhoneStar boards other than the PhoneStar Tri and the PhoneStar Plus Tri is not possible.

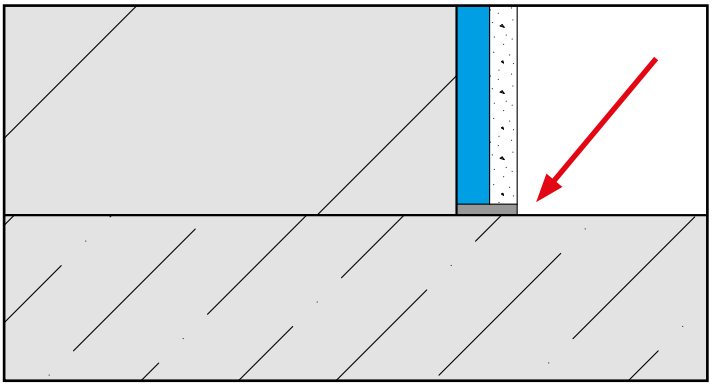
Procedure to mount on masonry and concrete

DECOUPLING

Prior to the actual installation, apply a self-adhesive decoupling strip along the base of the wall (e.g. self-adhesive cellular rubber or partition wall tapes).

The decoupling strip serves to isolate the PhoneStar layer and the subsequent cladding.

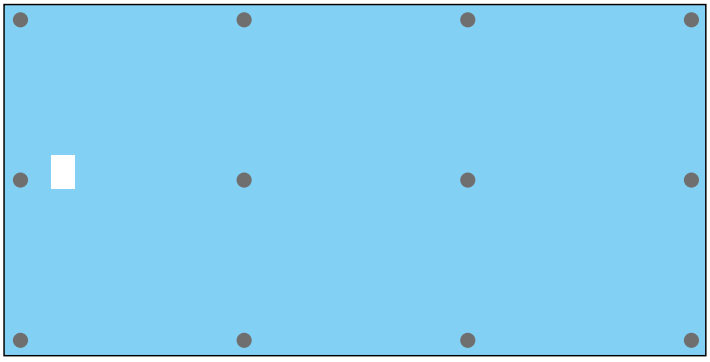
Maintain an edge gap of approx. 4 mm to the adjoining wall and ceiling components.



FIXING PHONESTAR

In the case of single-layer installation of the PhoneStar board:

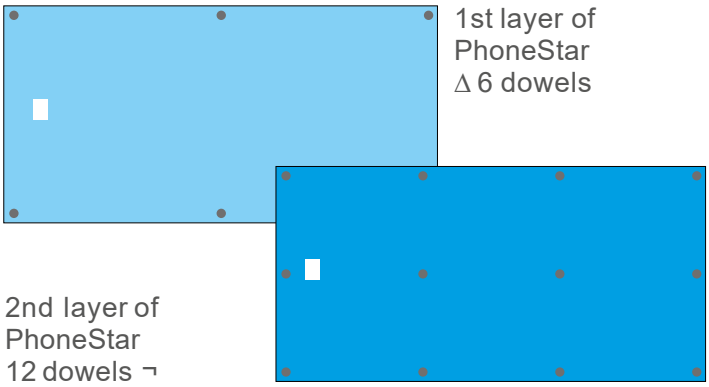
- 12 Wolf system dowels are used per PhoneStar board in a grid of 3 x 4 dowels.
  Place the Wolf system dowels on the outside 4 - 8 cm from the edge of the board.



12 Wolf system dowel / board

In the case of two-layer installation of the PhoneStar board:

- Fix the first layer with 6 dowels per board
- After that, fix the 2nd layer with 12 system dowels per board; select the length accordingly.



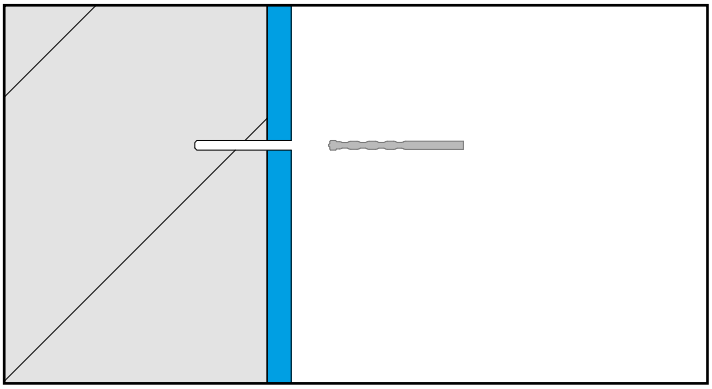
1st layer of PhoneStar
Δ 6 dowels

2nd layer of PhoneStar
12 dowels ¬

ATTENTION! Work without a percussion drill in the case of vertical-cored bricks!
Use Wolf system dowels only in walls. Mounting on the ceiling is not possible!

DRILLING DOWEL HOLES

Drill a hole in the brick/concrete wall through the PhoneStar board contacting the wall over its full surface.

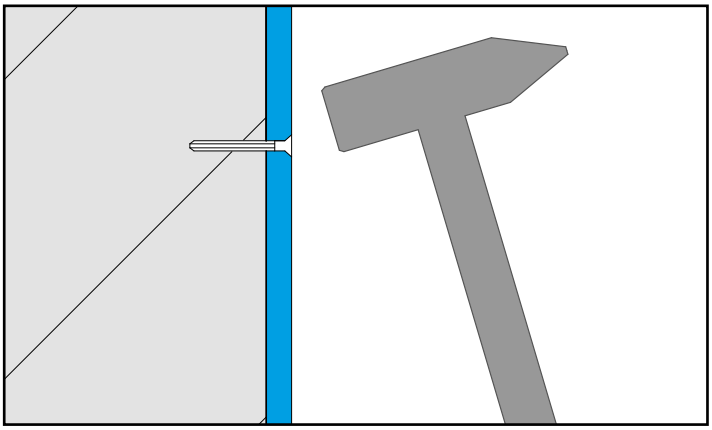


Drill diameter:	
Brick	6 mm Ø
Aerated concrete	5 mm Ø
Concrete	6 mm Ø

SETWOLF SOUND-INSULATING DOWEL

Using a hammer, tap the Wolf sound-insulating dowel into the hole drilled beforehand.

Lightly tap in the sound-insulating dowel so that it is flush with the board surface.



Wolf sound-insulating dowel	Length / art. no.
	60 mm / 4200 (250 pcs)
	60 mm / 4201 (50 pcs)
	100 mm / 4207 (100 pcs)
	120 mm / 4205 (120 pcs)

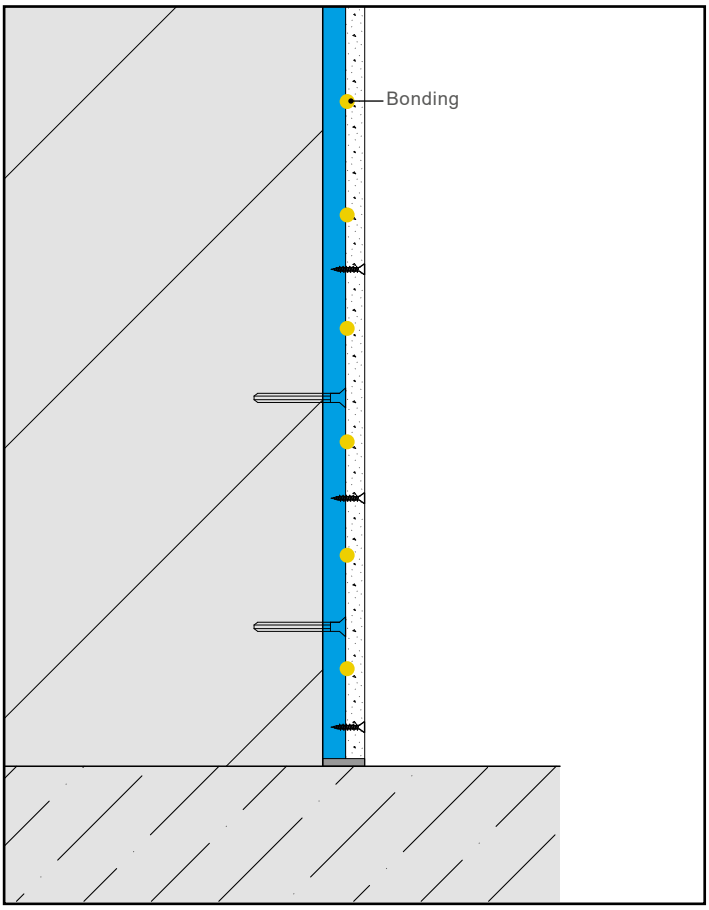
CLADDING PHONESTAR

As standard, the PhoneStar layer is clad with a layer of suitable plasterboard. The cladding must have a minimum thickness of 12.5 mm.

BONDING AND SCREWING THE CLADDING

Apply Wolf Roll-On Adhesive to the PhoneStar board using the Wolf adhesive roller. Roll the adhesive only in the area where the plasterboard to be installed. Then place the plasterboard onto the surface wetted with roll adhesive and press it on over the entire surface.

Wolf Roll-On Adhesive Art. no.: 4085	Wolf adhesive roller Art. no. 4092	Telescopic handle Art. no. 4093
		



TIP: Alternatively, Wolf system adhesive can also be used for smaller areas.

	Wolf system adhesive: Art. no.: 4070

Subsequently, the cladding is screwed to the PhoneStar layer with plasterboard screws 3.9 x 22 mm in a grid of approx. 25 cm.

ATTENTION! The bonding of the cladding must be done in the "wet phase"!
It is otherwise no longer possible to align the boards!
Cladding with gypsum fibreboards or hard gypsum boards is not possible in the case of direct mounting due to the surface hardness.

Single-layer PhoneStar installation	
Drywall screw for fixing plasterboards to the single-layer PhoneStar TRI and PhoneStar Plus Tri	
	Art. no.: 4203, 4209 22 x 3.9 mm

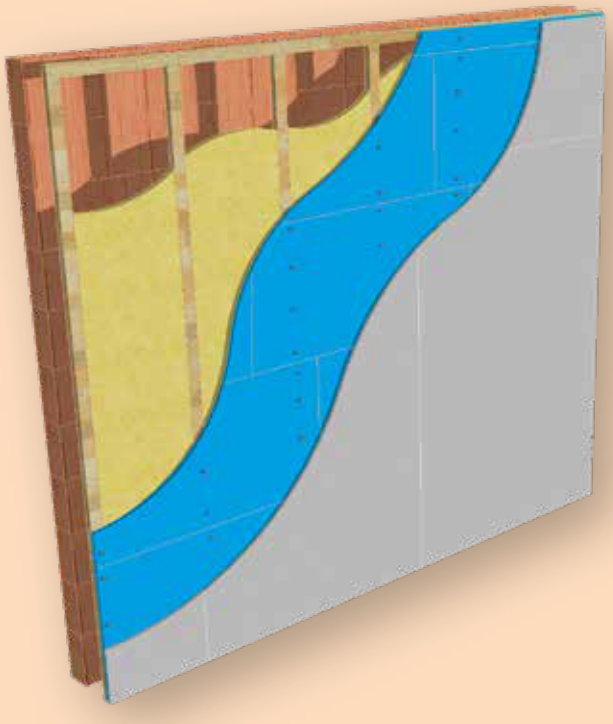
Two-layer PhoneStar installation	
Drywall screw For fixing plasterboards to multi-layer PhoneStar layers or wood fibre under the PhoneStar	
	Art. no.: 4202, 4208 38 x 5.5 mm

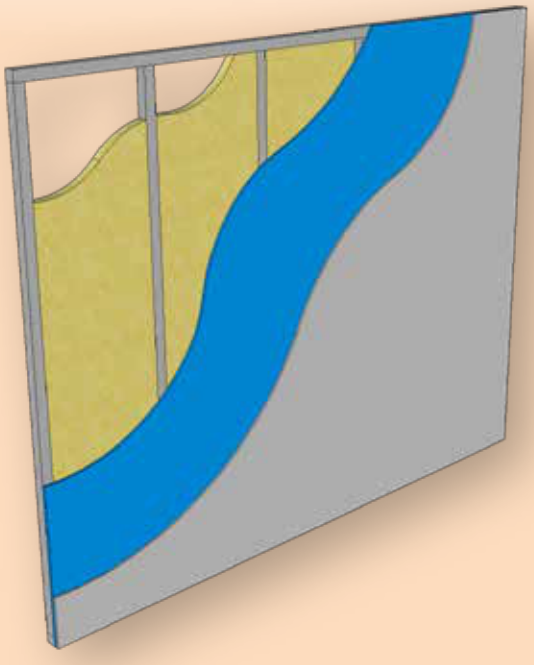
ATTENTION! Do not grout the edge joint! Otherwise, no decoupling is possible and the sound-insulation. Function is badly affected!

EDGE JOINTS

Grout the cladding layer according to the manufacturer's specifications.
Edgejoints may not be more than 5 mm wide and must be closed with Wolf joint filler after installation of the cladding.

	Wolf joint filler Art. no.: 4095





PhoneStar

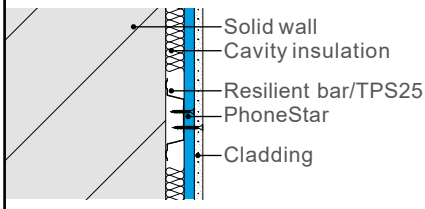
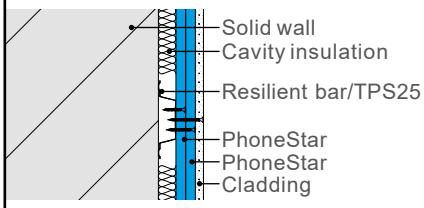
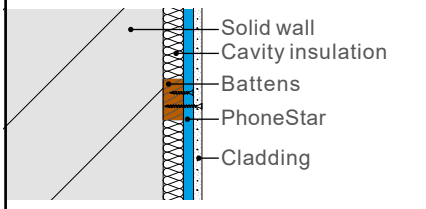
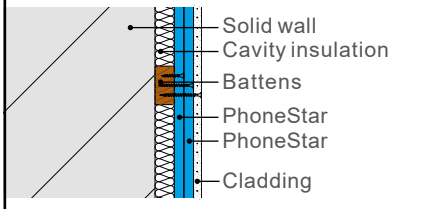
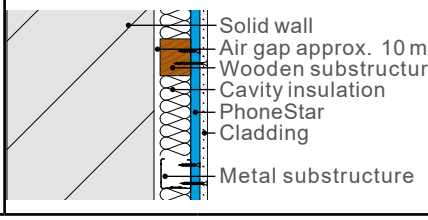
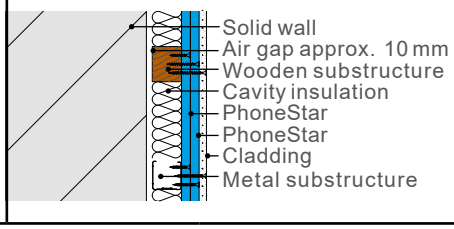
Sound insulating boards

Mounting on substructures and stud frames

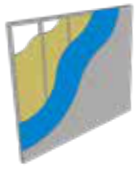
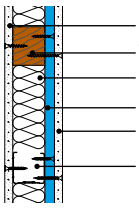
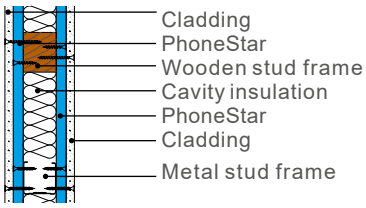
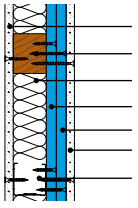
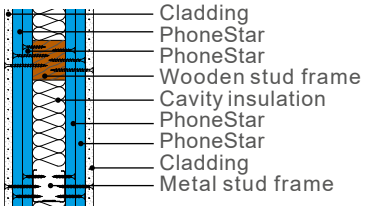
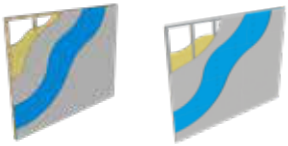
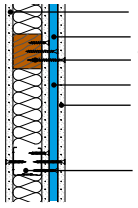
PhoneStar on substructure / stud frame

Stud walls and facing layers can be made of wood or metal stud frames. For this purpose, observe the respective processing instructions of the manufacturers for the manufacture and decoupling of the stud frame. In the case of stud walls, there is the option of single- or double-sided PhoneStar installation, in a single or double-clad design.

VARIANT I: - MOUNTING ON THE BRICKWALL / CONCRETEWALL WITH SUBSTRUCTURE

Variant	Top view – single-layer installation	Top view - Double-layer installation
Resilient bar 		
Battens 		
Facing layer  Wooden or metal stud frame		

VARIANT II: - INSTALLATION ON STUD FRAME AND EXISTING STUD FRAME

Variant	One-sided	On both sides
Stud wall Timber - stud frame  or metal stud frame 	Single-layer 	Single-layer 
	Double-layer 	Double-layer 
Existing stud wall Wood or metal 	Single-layer 	Single-layer