

Checklist for installing SubFloor



The relevant installation instructions must be followed, see next page for explanation of check points.

08/11/2017

OBJECT

COMPANY NAME

INSTALLER

PROJECT NO.

ACTION	OK	SIGNATURE
1 Is the subfloor clean?		
2 Are the seals in place?		
3 Is there clearance?		
4 Are there double frame joists (c/c 300) installed by furnishable walls where long duration point loads occur?		
5 Are all the SubFloor screws intact and anchored to the subfloor without play and with at least 34 mm of the screw (30mm in steel joists) remaining in the wooden joist?		
6 Are the support screws installed horizontally in the frame joist or is the particle board flooring joined at the corners of the room, if using 300mm screws?		
7 Is insulation installed with the reinforced side facing down and supported by insulation carriers?		

Additional checks when installing ventilation as per below. Plan installation according to the ventilation drawing. (Project unique or general instructions in the brochure) In the event of modification Prästängen support and any tradesmen affected must be contacted.

8 Was the ventilation installed before the particle board flooring was installed?		
9 Are there any obstacles to airflow?		
10 Are the floor ventilators installed as per the ventilation drawing?		
11 Are the fan and air eliminator suitably located?		
12 Is the ventilation unit running?		

SIGNATURE

DATE

NAME IN BLOCK LETTERS

EXPLANATIONS FOR POINTS ON PREVIOUS PAGE

1 Remove any grouted-in wooden blocks or joists. Clean organic materials, filler residues, bonding agent residues and similar from the subfloor.

Carry out final cleaning (vacuuming) immediately before laying the particle board flooring.

2 Seal along all exterior walls using the recommended method. Seal any channels, lead-throughs, cracks and damage to the concrete slab or wall. Also seal joints between HDF and joists. Seal joints between the decking and walls; seal gaps in intermediate walls as well as lead-throughs and similar in the decking.

Use only SubFloor sealants or equivalent type-approved sealants throughout.

Use only approved sealing/insulation methods for lead-throughs in firewalls.

3 SubFloor joists must be freestanding, away from each other and sills/walls. In most cases, the joists in the frame around the room must be 20-60 mm from the wall. When installing ventilators, the distance from the wall must be 30 mm.

4 Requires planning with regard to the occurrence of long duration point loads. Install double frame joists (c/c 300) by walls where furnishings such as bookshelves etc. can be expected.

5 Min. 34 mm of plastic screw must be within wood joists (30 mm for steel joists). Check that all screws are intact and fastened securely in the subfloor. Cut off protruding parts of the SubFloor screws flush with the top of the joist using a saw or other cutting tool. Do not break off the screws with a hammer.

6 Install support screws, part no. 21100 (2 pcs per joist) horizontally in the frame joists to eliminate movement in the floor when using part no. 21300 or alternatively seal the corners of the room between the particle board flooring and the wall 30- 40 cm. Must abut the wall without bracing (without fastening). On plasterboard walls, install support screws where the plasterboard is secured to the wall joist.

7 Lay insulation slabs on insulation carriers and not in contact with the concrete surface. Lay the insulation slab's coated side down. Support each slab with at least 6 insulation carriers. Check that there are no obstacles to airflow if the air gap must be ventilated.

8 Make sure that all installation concerning floor ventilation is carried out before the particle board flooring is installed. Check that air distribution strips and ventilation ducts are installed according to the ventilation drawings or general installation instructions and that ventilation ducts are securely anchored to the subfloor with e.g.

conduit straps; that all duct joints are fastened securely and that end covers are installed.

Check that holes are made in the ventilation ducts as per drawings and/or spacing as per separate hole plan.

Check that the ducts have their holes aligned parallel with or inclined down to the base slab and that the holes are clear from insulation etc. Check that any restrictions/cell separation is carried out.

9 The air gap must be at least 10 mm. If the air gap is narrower, contact Prästängen support for advice.

There may be no obstacles to the flow of ventilation; ducts in the void can be supported on plastic wedges.

Using the ventilation drawing, check that the necessary communication holes are present in intermediate walls.

Holes in the ventilation ducts may not be blocked by insulation, joists or similar. If necessary, terminate insulation a little way from the holed pipe section.

No insulation may be installed in the air distribution duct, that is between the joist that the LF strip is installed on and the wall. Seal around the flooring connection to the walls, sills, lead-throughs etc.

10 Make sure that ventilators are installed as per the ventilation drawing. Air distribution strips and floor ventilators are usually installed by the same company/person who installs the joists and particle board flooring.

Fans and ducts are usually installed by a different company; it may happen that all installation is carried out by one and the same company.

11 Check that the fan will not disturb (noise) bedrooms, relaxation rooms etc. Rectify any noise by installing insulation slabs against these spaces. Also check that air eliminator exhaust is not close to openable windows or outdoor areas where noise/odours can be annoying. Pop rivet all joints between sheet metal components. Insulate fans and ducts in cold spaces (condensation). Locate control equipment (transformers) at childproof heights and make it known that the control room is not to be accessible to children. If fans are built into cabinets there must be a hatch that allows access to the entire fan for service/replacement, and access to dampers and approx 10 cm of duct below the damper (measuring point for flow meter).

12 Once the particle board flooring and floor ventilators are installed, start the ventilation unit and run it at full speed with all dampers open.

Inform Prästängen or another appointed contractor that the ventilation system is ready for adjustment. This is best done before the surface coating is laid.