

SELF-INSPECTION PLAN FOR NIVELL SYSTEM

Floor Joist Installation

*Applies to mechanically ventilated flooring

Control		Approved	Not performed
1	If there are embedded wooden beams, wood blocks, or other organic materials in or against the concrete slab, they must be removed.	<input type="checkbox"/>	<input type="checkbox"/>
2	The concrete base must be completely clean. All organic materials, plaster residue, and adhesive remnants should be removed. The surface must also be thoroughly vacuumed before the chipboard is installed.	<input type="checkbox"/>	<input type="checkbox"/>
3	The execution and scope of any fungicide treatment are assessed by the expert appointed by the client.	<input type="checkbox"/>	<input type="checkbox"/>
*4	Sealing at the sill plate should be done using the sealing material recommended by Nivell System. It is important to ensure that the sill is completely airtight.	<input type="checkbox"/>	<input type="checkbox"/>
*5	If air connections are required through partition walls, they should be made at the bottom of the walls via "communication holes" according to the designed ventilation drawings.	<input type="checkbox"/>	<input type="checkbox"/>
6	For penetrations through firewalls for pipes or other installations, sealing should be done with an approved sealant, for example SIKA Firewall and/ or fire pincher/ fire cuff, for example Fireseal "Kniparen".	<input type="checkbox"/>	<input type="checkbox"/>
7	Nivell Systems floor joists should be installed independently from each other and from the wall. The joists installed at the outer edges as "frame joists" should have a distance of 20–60 mm from the wall.	<input type="checkbox"/>	<input type="checkbox"/>
8	Concrete dust generated during drilling should be vacuumed away. Ensure that all Nivell screws are intact and properly anchored to the substrate. Any part of the Nivell screw that protrudes should be cut off along the top edge of the joist using a saw or cutting tool.	<input type="checkbox"/>	<input type="checkbox"/>
*9	Pipe trenches or pipe penetrations in the concrete slab or wall should be sealed.	<input type="checkbox"/>	<input type="checkbox"/>
*10	Cracks and damage in the concrete slab should be repaired and sealed with Nivell Systems sealant.	<input type="checkbox"/>	<input type="checkbox"/>
11	The insulation boards should be placed on insulation supports and must not be in direct contact with the concrete surface. The coated side of the insulation board should face downwards. The air gap beneath the insulation board must be at least 10 mm. Each board should be supported by at least 6 insulation supports.	<input type="checkbox"/>	<input type="checkbox"/>

**Send the document to Nivell System AB
by e-mail to info@nivellsystem.se**

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Control		Approved	Not performed
*12	Check with the person responsible for ventilation to ensure that the ventilation system is correctly installed before the particleboard is installed.	<input type="checkbox"/>	<input type="checkbox"/>
*13	The air gap beneath the joists must be at least 10 mm. However, for low-profile floors, a 5 mm air gap is sufficient. No obstructions that could block airflow should be present beneath the floor. The holes in the ventilation pipes must not be blocked by materials such as insulation, joists, or other substances.	<input type="checkbox"/>	<input type="checkbox"/>
*14	The AD-profile and BS-ventilation fittings should be installed according to the ventilation drawing and the accompanying installation instructions.	<input type="checkbox"/>	<input type="checkbox"/>
*15	The floor construction must be airtight enough to meet the functional requirements. The floor should be constructed as a "sealed box". The gap between the particleboard and the wall must be sealed with Nivell Systems sealing products. Pipe penetrations through the particleboard, as well as any gaps in the partition walls, must also be sealed.	<input type="checkbox"/>	<input type="checkbox"/>
*16	When the installation of the ventilated Nivell floor is complete, the ventilation unit should be started at the preset speed, or at least level 5. All dampers must be fully open. Contact Nivell Systems to schedule the adjustment of the system.	<input type="checkbox"/>	<input type="checkbox"/>

NOTE!

**The ventilation unit must be easily accessible for inspection and service.
Dampers and ventilation pipes above the floor must also be accessible.**

NOTES:

OBJECT:

LETTER NUMBER:

COMPANY:

ADDRESS:

DATE:

SIGNATURE ASSEMBLY MANAGER:

NAME CLARIFICATION:

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