



# Granab subfloor systems installation instructions

System 8000 W



# Installation instruction for

## System 8000 W



Wooden beam with support block and dampening element, adjustment screw and mounting screw.

Watch instruction films  
at [www.granab.se](http://www.granab.se)



## Important general points

NB: Always ensure that the flooring manufacturer's requirements are fulfilled regarding expansion joints, gaps against walls, etc.

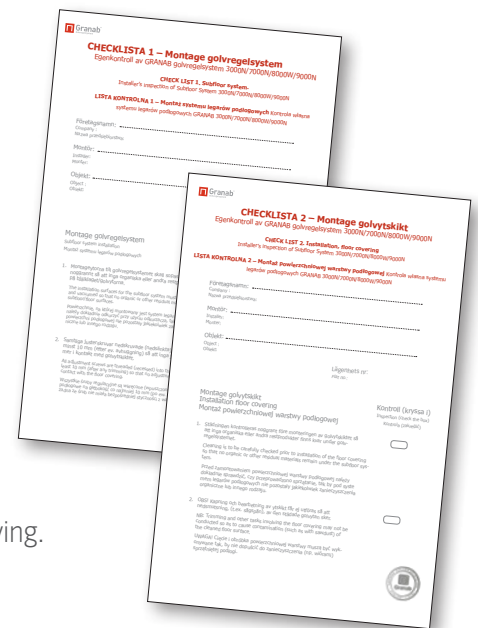
Before and after installation, all surfaces must be **thoroughly cleaned**.

All adjustment screws must be carefully secured in the subfloor with concrete anchors or concrete screws. If not **all adjustment screws** are secured properly, there is a risk of creaking and unevenness in the floor surface layer after installation.

The adjustment screws must always be installed at least 10 mm from the bottom of the beam and at least 10 mm into the support block to avoid "bridging" in the sound insulation.

When **installing chipboard or chipboard/parquet** on the girders, it is very important that the chipboard or parquet is not in contact with walls. There must always be a gap of about 5 mm between the walls and chipboard/parquet so that the floor is able to move freely. This is necessary to ensure that the planned sound insulation is attained.

Furthermore, relative humidity in the room is **very important to take into consideration when using wood-based flooring**, both during and after laying. The manufacturer's instructions must be carefully followed.



Carefully follow the points  
on the installer's checklist!



# Installation instructions adjustment screws

THIS STEP IS VERY IMPORTANT AND MUST BE FOLLOWED FOR ALL ADJUSTMENT SCREWS THROUGH THE INSTALLATION

**The adjustment screws are available in 5 different lengths as standard.**

Preferably cut before starting the installation to the correct length if the standard lengths do not fit.

Granab can offer cut adjustment screws in the right length directly from the factory.



## Countersinking of adjustment screws



The adjusting screws must be fitted so that they are at least 10 mm into the support block and at least 10 mm from bottom edge of the beam.

The reason why the adjustment screws must be fitted as above is to avoid "bridging" in the sound insulation.

## Installation tools Granab subfloor systems



### Concrete drill bit for concrete anchors



Cat. no.: 8710. 6 x 100 mm



Cat. no.: 8720. 250 mm short



Cat. no.: 8740. 460 mm long



Cat. no.: 8840/8841. (Drill bit extension with 100 mm drill bit)

### Cutter for recessing adjustment screws in girders



Cat. no.: 8600.

### Screwing tool for adjusting floor girder heights (for screwdrivers)



Cat. no.: 8100. Short model



Cat. no.: 8200. Long model



Cat. no.: 9300 Tool: Girder spacing 300 mm.



Cat. no.: 9400 Tool: Girder spacing 400 mm.



Cat. no.: 9500 Tool: Girder spacing 500 mm.



Cat. no.: 9600 Tool: Girder spacing 600 mm.

**Mandrel for installation of concrete anchors (one of each included in an installation kit)**



Mandrel for recessing in predrilled holes. Cat. no.: 850 C. Length: 1000 mm



Mandrel for final fixation. Cat. no.: 850 C. Length: 1000 mm



Mandrel for recessing in predrilled holes. Cat. no.: 850 B. Length: 450 mm



Mandrel for final fixation. Cat. no.: 850 B. Length: 450 mm



Mandrel for recessing in predrilled holes.



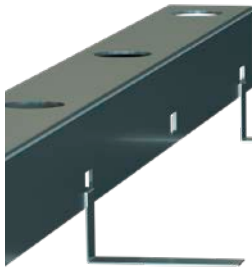
Mandrel for recessing in predrilled holes. Cat. no.: 850 A. Length: 250 mm



Mandrel for final fixation



Mandrel for final fixation. Cat. no.: 850 A. Length: 250 mm



**Insulation bracket**

Cat. no.: 0440 (for 40 mm insulation plate)

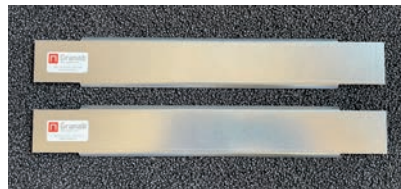
Cat. no.: 0480 (for 80 mm insulation plate)

**T-wrench for manually adjusting floor girder heights**

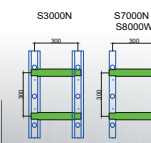


Cat. no.: 8300.

**Assembly kit**  
For floor drain



Granab's assembly kit for floor drain, includes two steel pieces to complement the Granab system with.



Art. nr: 00300



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# Laying out girder

ALWAYS USE THE GIRDER SPACERS AVAILABLE IN LENGTHS: 300, 400, 500, 600 MM.



Start installation by laying out perimeter and keep a distance of at least 10mm from the wall.



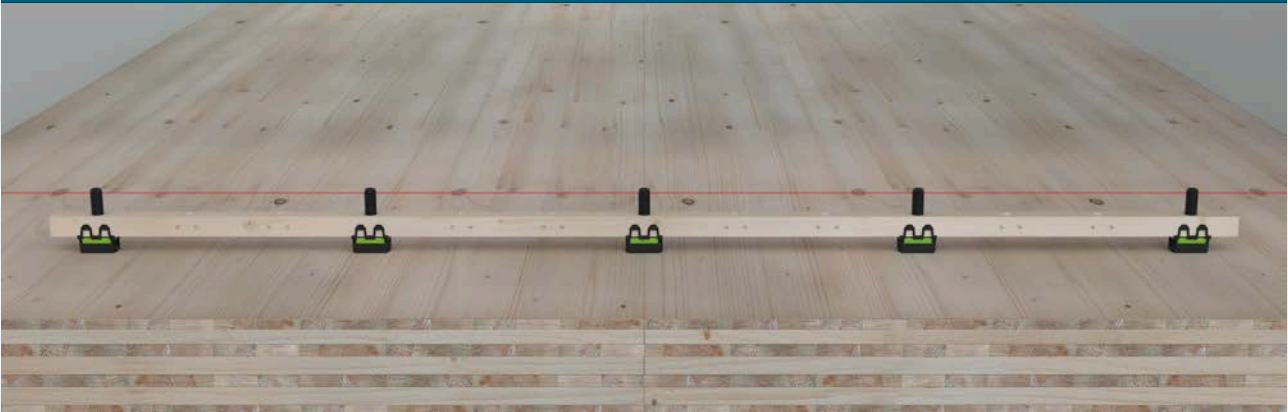
Lay out the first girder with 400mm c/c distance to the frame girder and then lay the other girders with 600mm c/c spacing (c/c spacing may vary depending on surface layer or specific requirements) The distance between girders must be at least 5 mm.



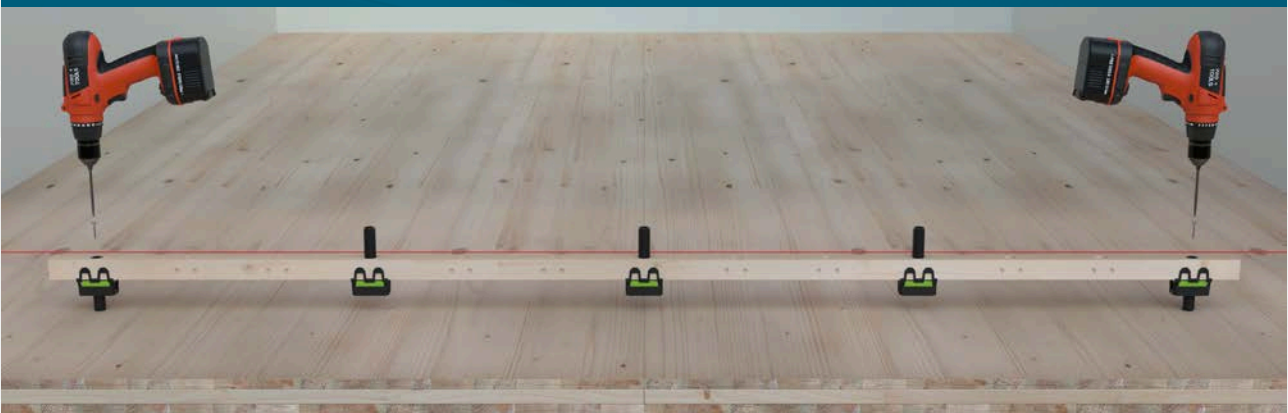
The girders are laid out according to the principle drawing or proposed layout drawing by Granab for a specific project.

# Installation step by step

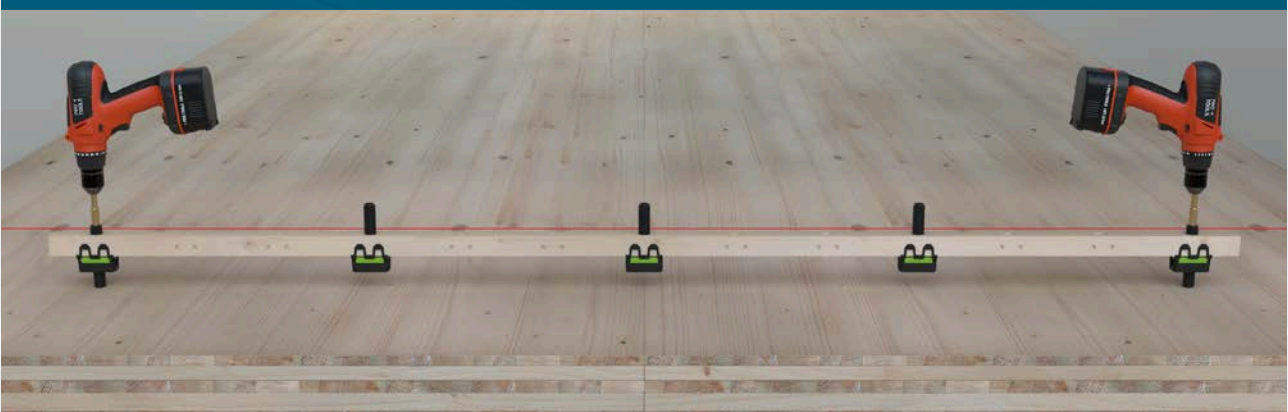
1. Girder with adjustment screws. Red line shows the finished height.



2. Start by fixing both ends into the structural surface.

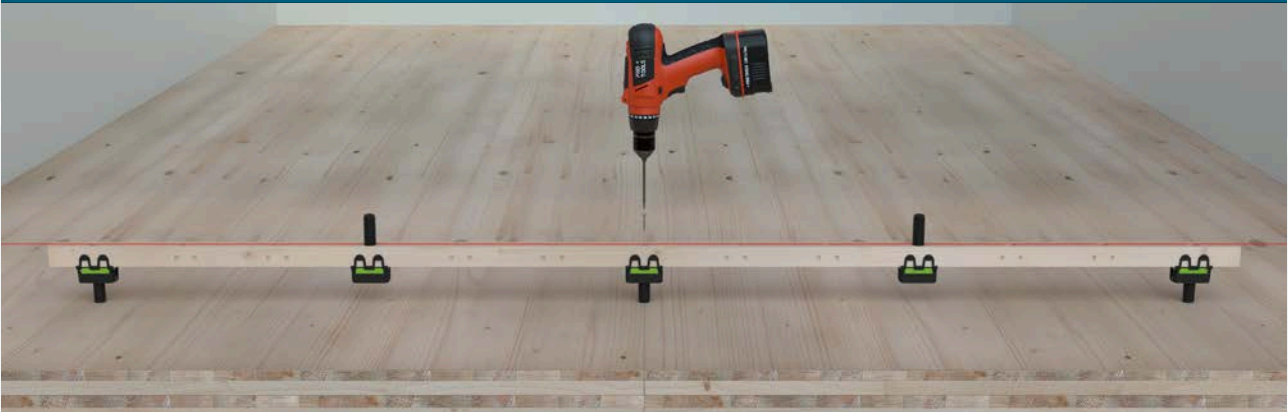


3. Adjust the ends to the correct height

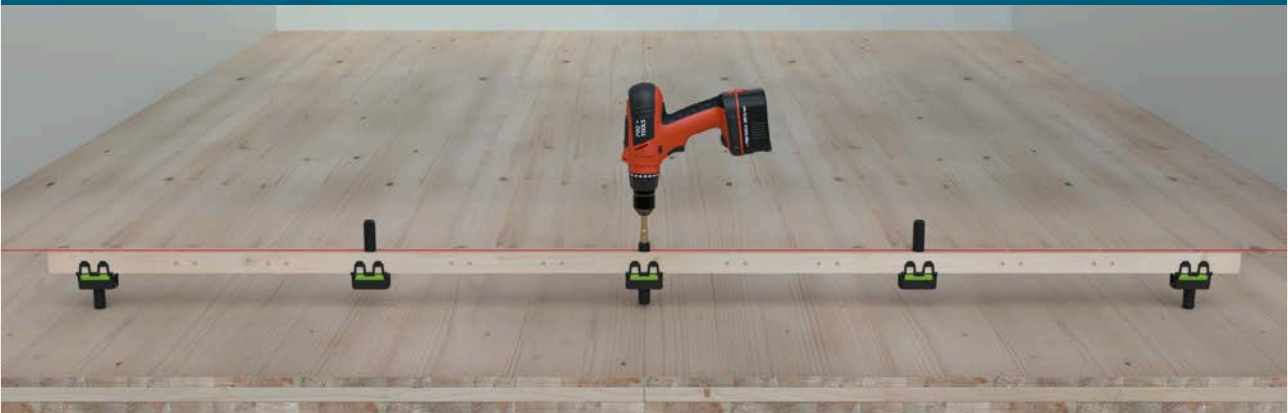


## Installation step by step

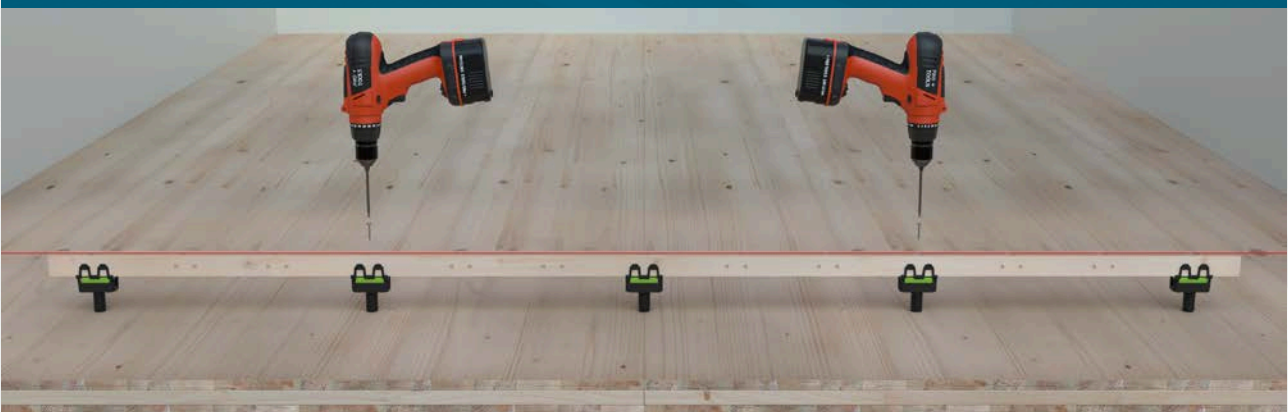
**4.** Adjust the adjustment screw in the centre and fix it.



**5.** Adjust the beam to the correct height



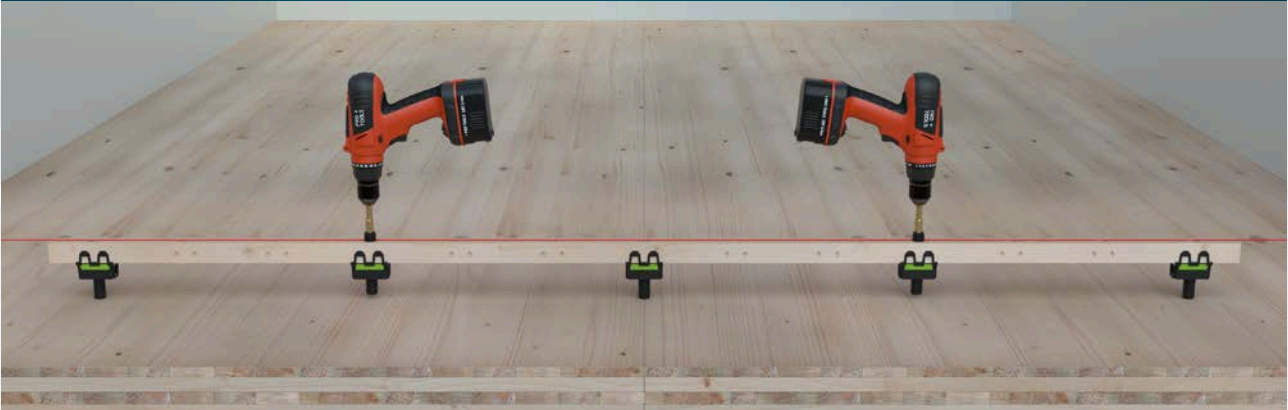
**6.** Fix the remaining adjustment screws in the beam and fasten them to the structure.



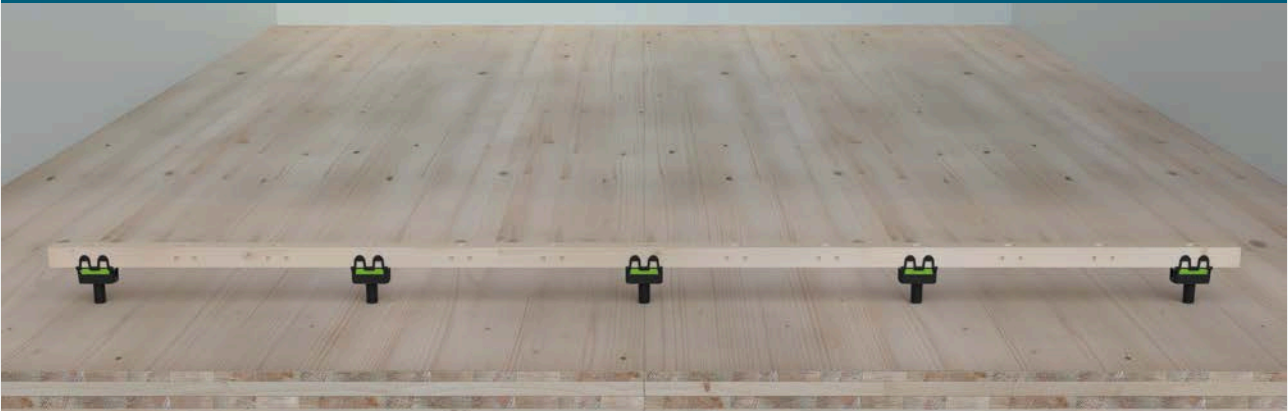


# Installation step by step

**7.** Adjust all adjustment screws to the correct height.



**8.** The beam is installed.



# General conditions and recommendations

## Level adjustment using laser levelling



## Cutting girders/beams with a jigsaw



## Ergonomics during installation process



Screwing tool.



Mandrel.

All installation tasks can be carried out in comfortable working positions using the long screwing tool model and long mandrel model.

# Installation example

## SEALING AND INSTALLATION AT EXTRA HIGH HEIGHT

### Sealing at installation height above 250 mm



For heights above 250 mm, the floor surface layer can be sealed in the corners of the room for lateral stabilisation.

### Installation at extra high height



As standard, the height level of the Granab Subfloor System 8000 W can be adjusted up to 470 mm. If heights are preferred up to approximately 1000 mm, the required height of masonite beams are fitted to the Granab girders / beams.

Masonite beams are secured to Granab girders with Casco Superset nr 3879 or equivalent and self-tapping screws. NB: Mounting screws must not come in contact with adjustment screws/support blocks.

# Installation example

## FLOORING PAPER AND GLUE

### Gluing



When gluing chipboard against the girder use Bostik Multifog 2640 or equivalent.

### Floor paper



Floor paper is used between the chipboard and parquet to remove slapping between layers.

### Installation of skirting

When attaching the skirting, it must be pressed hard down against the floor covering.



## Example of installation at high height

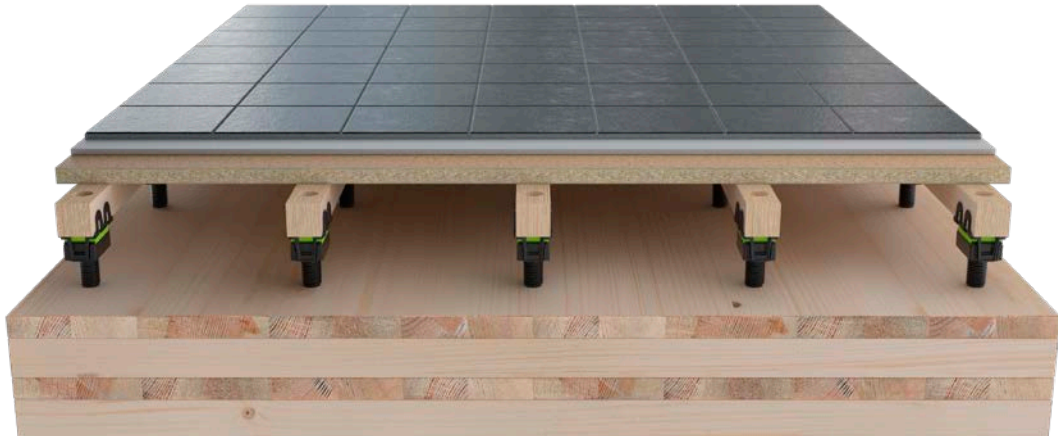
As standard, the height level of the Granab Subfloor System 8000 W can be adjusted up to 470 mm. If heights are preferred up to approximately 1000 mm, the required height of masonite beams or Z section are fitted to the Granab girders / beams.



8000 W high height with Masonite beam + 38 mm chipboard + parquet

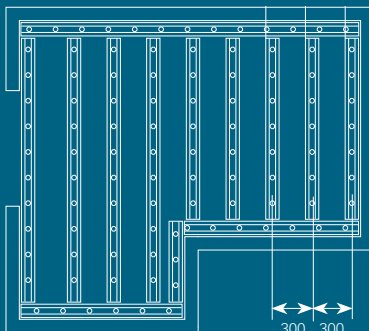
# Tiled surfaces

EXAMPLE, REMODELLING: SYSTEM 8000 W, C/C 300 MM, WITH 22-MM CHIPBOARD, SHEET OF NON-ORGANIC MATERIAL, MOISTURE BARRIER, TILES.



# Bathrooms

EXAMPLE, REMODELLING: SYSTEM 8000 W, C/C 300 MM, WITH 22-MM CHIPBOARD, SHEET OF NON-ORGANIC MATERIAL AND FLOOR LEVELLING COMPOUND.



Granab subfloor systems with tiling have been tested by the SP Technical Research Institute of Sweden with respect to deflection and strength properties.



Principle layout for tiled surface. The system is installed C/C 300 mm.

More information and instructional videos are available at [www.granab.se](http://www.granab.se)

**Granab**

**CHECKLISTA 1 – Montage golvregelsystem**  
Egenkontroll av GRANAB golvregelsystem 3000N/7000N/8000W/9000N

**CHECK LIST 1. Subfloor system.**  
Installer's inspection of Subfloor System 3000N/7000N/8000W/9000N

**LISTA KONTROLNA 1 – Montaż systemu legarów podłogowych** Kontrola własna systemu legarów podłogowych GRANAB 3000N/7000N/8000W/9000N

Företagsnamn: .....  
Company: .....  
Nazwa przedsiębiorstwa: .....

Montör: .....  
Installer: .....  
Monter: .....


Objekt: .....  
Object: .....  
Objekt: .....

Lägenhets nr: .....  
Flat no.: .....  
Nr lokalu: .....

**Montage golvregelsystem**  
Subfloor system installation  
Montaż systemu legarów podłogowych

**Kontroll (kryssa i)**  
Inspection (check the box)  
Kontrola (zakreślić)

1. Montageytorna till golvregelsystemet skall sopas och dammsugas noggrant så att inga organiska eller andra restprodukter finns kvar på bjälklaget/golvytorna.  
The installation surfaces for the subfloor system must be carefully swept and vacuumed so that no organic or other residual materials remain on the subfloor/floor surfaces.  
Powierzchnie, na której montowany jest system legarów podłogowych należy dokładnie odkurzyć przy użyciu odkurzacza, tak by na posadce/rycznie lub innego rodzaju.  
All adjustment screws are threaded (recessed) into the floor girders by at least 10 mm (after any trimming) so that no adjustment screws come in contact with the floor covering.  
Wszystkie śruby regulacyjne są wkręcane (wpuszczone) w legary podłogowe na głębokość co najmniej 10 mm (po ew. odcięciu), tak by żadna ze śrub nie miała bezpośredniej styczności z warstwą podłogową.



**Granab**

**CHECKLISTA 2 – Montage golvtytskikt**  
Egenkontroll av GRANAB golvregelsystem 3000N/7000N/8000W/9000N

**CHECK LIST 2. Installation, floor covering**  
Installer's inspection of Subfloor System 3000N/7000N/8000W/9000N

**LISTA KONTROLNA 2 – Montaż powierzchniowej warstwy podłogowej** Kontrola własna systemu legarów podłogowych GRANAB 3000N/7000N/8000W/9000N

Företagsnamn: .....  
Company: .....  
Nazwa przedsiębiorstwa: .....

Montör: .....  
Installer: .....  
Monter: .....


Objekt: .....  
Object: .....  
Objekt: .....

Lägenhets nr: .....  
Flat no.: .....

**Montage golvtytskikt**  
Installation floor covering  
Montaż powierzchniowej warstwy podłogowej

**Kontroll (kryssa i)**  
Inspection (check the box)  
Kontrola (zakreślić)

1. Skådlådan kontrolleras noggrant före monteringen av golvtytskiktet så att inga organiska eller andra restprodukter finns kvar under golvregelesystemet.  
Cleaning is to be carefully checked prior to installation of the floor covering so that no organic or other residual materials remain under the subfloor system.  
Przed zamontowaniem powierzchniowej warstwy podłogowej należy dokładnie sprawdzić, czy przeprowadzono sprzątnięcie, tak by pod systemem legarów podłogowych nie pozostały jakiegokolwiek zanieczyszczenia organiczne lub innego rodzaju.  
2. OBS! Kappning och bearbetning av ytskikt får ej utföras så att nedsmutsning, (t.ex. sågspån), av den släpade golvytan sker.  
NB: Trimming and other tasks involving the floor covering may not be conducted so as to cause contamination (such as with sawdust) of the cleaned floor surface.  
UWAGA! Cięcie i obróbka powierzchniowej warstwy muszą być wykonywane tak, by nie dopuścić do zanieczyszczenia (np. wiórami) sprzątniętej podłogi.







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