STAENIS

TECHNICAL DATA SHEET

Staenis grid

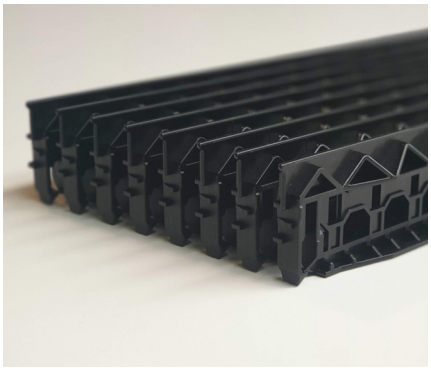
STAENIS GRID

The **Staenis grid** is a simple, modular system that can be filled with different fillers. It makes it possible to create a perfectly flat subfloor that is ready for finishing, and always with additional technical benefits according to the filler.

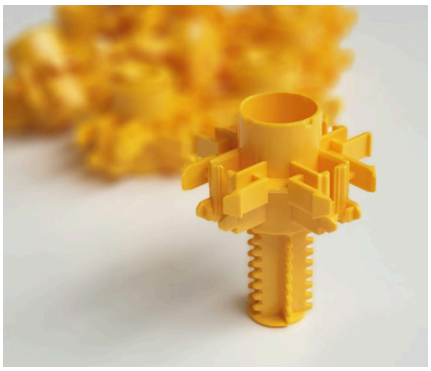
COMPONENTS

The **STAENIS GRID** consists of 2 parts + 1 optional part:

rail

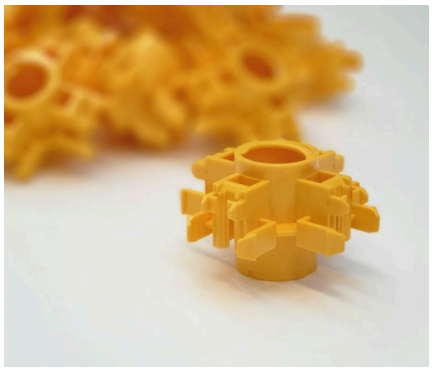


leg

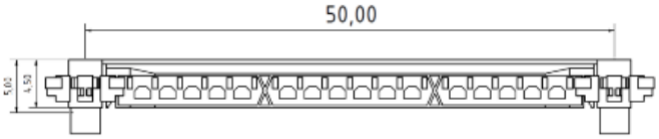


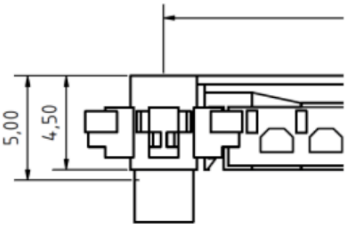
height adjustment up to 9 cm

extension leg



height adjustment up to 13 cm

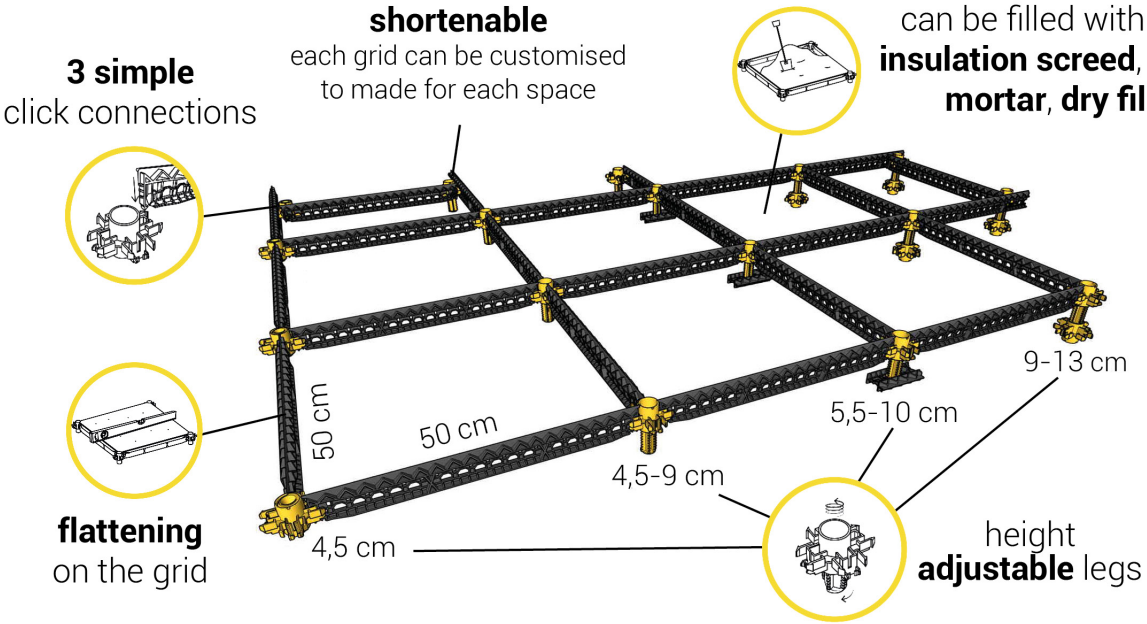




3 simple
click connections

shortenable
each grid can be customised
to made for each space

can be filled with **screed**, **insulation screed**, **drainage mortar**, **dry filler**,...



flattening
on the grid

height
adjustable legs

STAENIS
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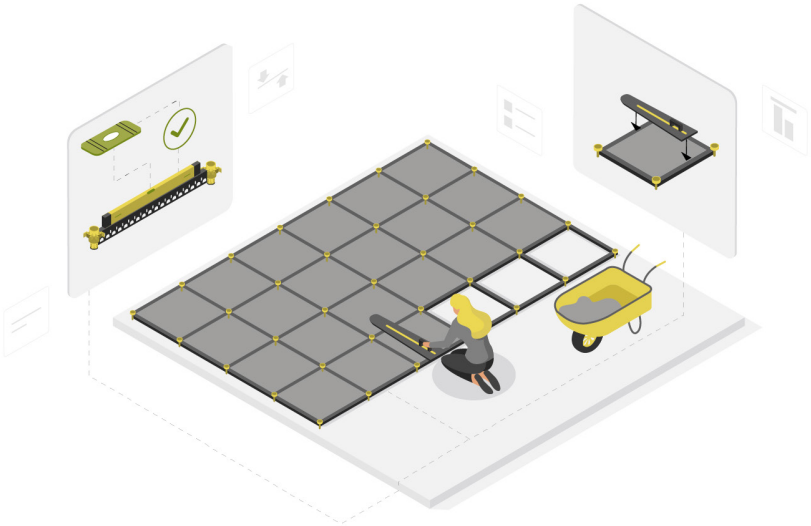
www.staenis.com

1. place

A modular grid system, consisting of slats and height-adjustable legs, which are super-easy to level.

2. fill in

Choose between screed, insulating screed, drainage mortar or dry fillers. This way you can immediately tile it or screw on an OSB sheet first.



3. flatten

When damming and levelling, you can always follow the height reference points of the Staenis grid without any effort.

MATERIAL PROPERTIES

parts	material	length (mm)	width (mm)	height (mm)
rail	PP	470	20	45
(extension)leg	ABS	75	75	45
adjustment screw	ABS	/	ø 25	50

	Staenis grid
operational temperature	5 °C - 25°C
load capacity without filling material	150 kg per leg
load capacity with filling material	load capacity is taken over from the filler (depending on the type of filler)

PACKAGING & CONSUMPTION

per box	rail (pcs)	leg + adjustment screw (pcs)	dimensions (mm)
± 5 m²	40	25	590 x 390 x 110
± 10 m²	80	50	590 x 390 x 203
± 20 m²	160	100	584 x 384 x 403

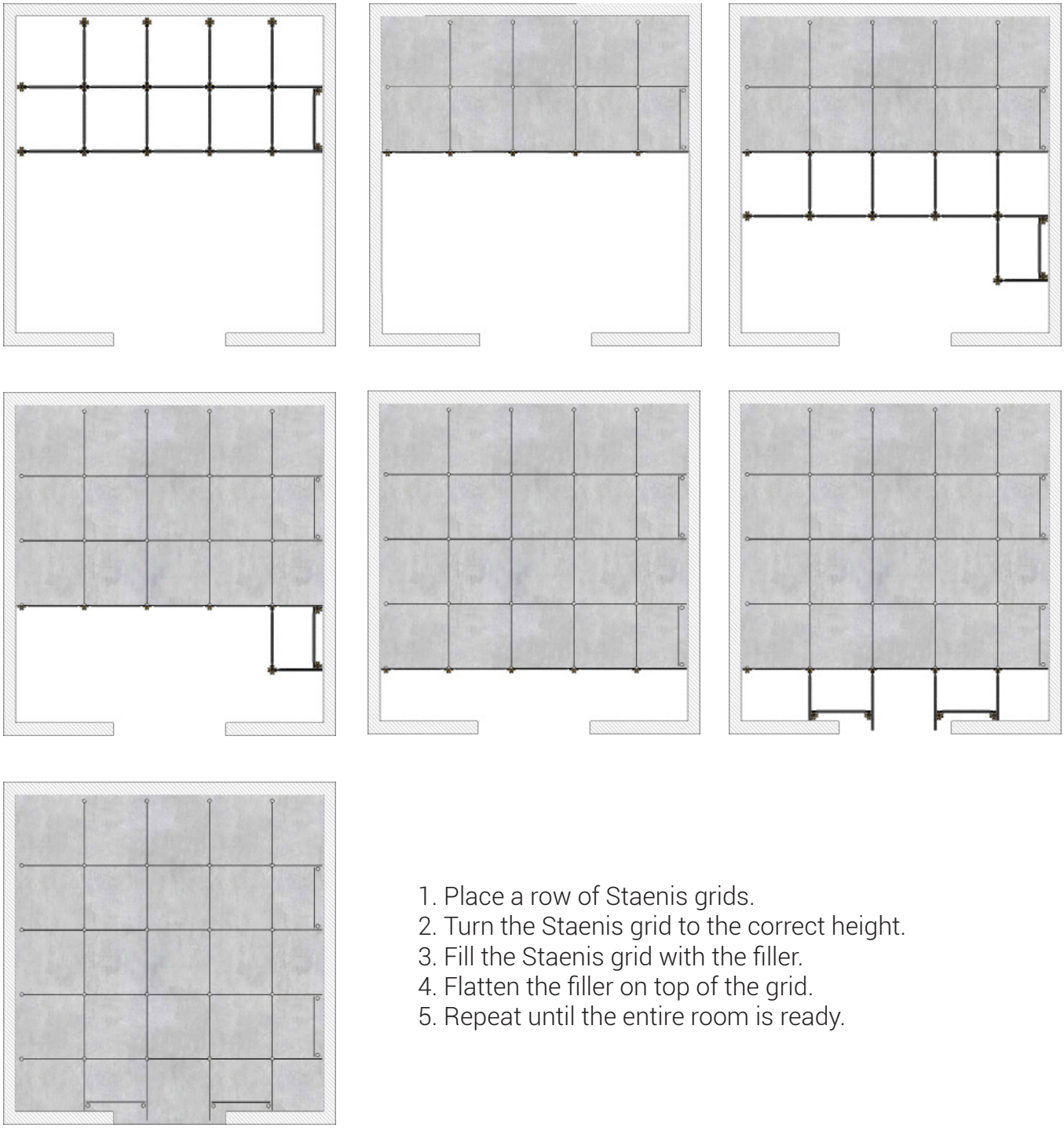
per pallet	rail (pcs)	leg + adjustment screw (pcs)	boxes (pcs)
± 5 m²	2240	1400	56
± 10 m²	2560	1600	32
± 20 m²	2560	1600	16

Extension legs are packed in bags of 25 pieces.
16 bags x 25 extension legs per box (= 400 pcs/box with dimension: 584 x 384 x 403 mm)

PLACEMENT

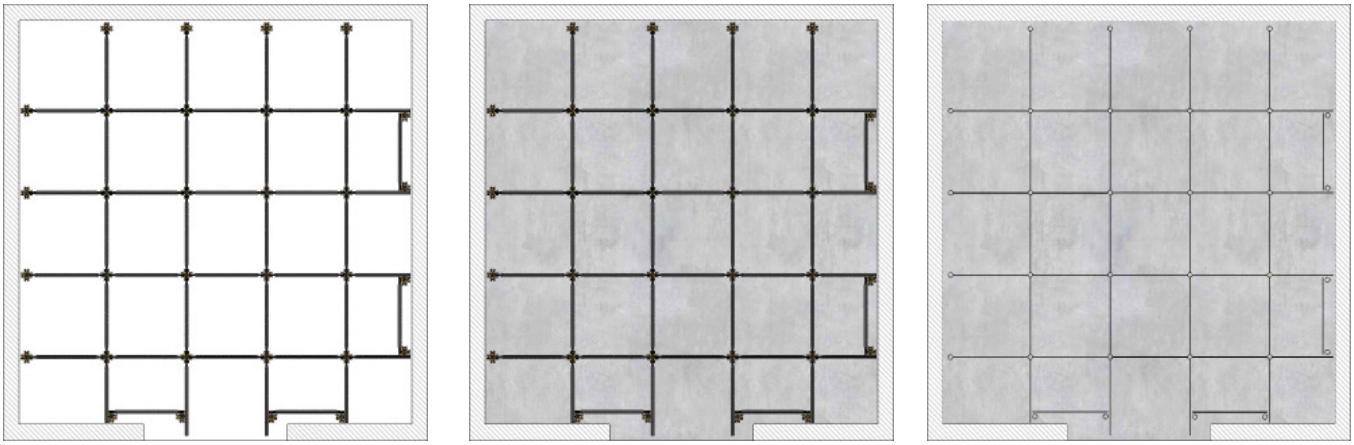
1 m² = ± 8 rails + 5 legs + 5 adjusting screws (extra legs if not carrying filler).
Please note: The exact number of m² is room-dependent, so always calculate a little extra, especially for smaller surfaces and surfaces with corners and edges or where more wall connection work is needed (e.g. corridors).

PLACEMENT METHOD 1



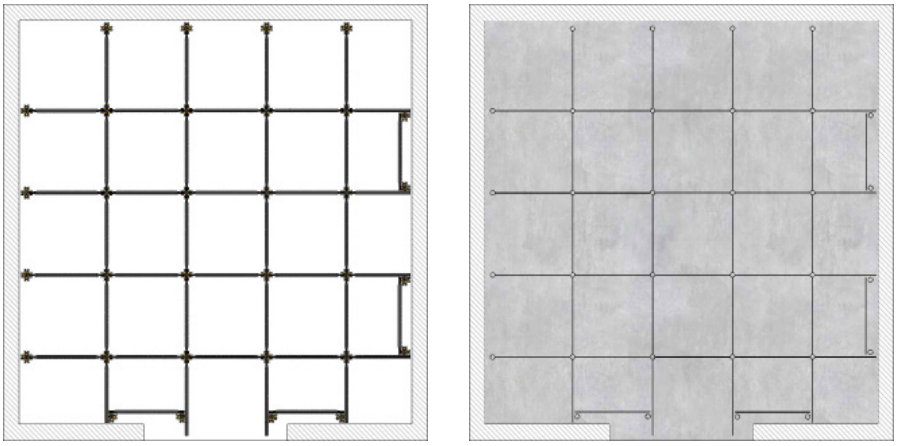
1. Place a row of Staenis grids.
2. Turn the Staenis grid to the correct height.
3. Fill the Staenis grid with the filler.
4. Flatten the filler on top of the grid.
5. Repeat until the entire room is ready.

PLACEMENT METHOD 2



1. Place the Staenis grid completely in the room.
2. Fill it with the filling material.
3. Only then, turn the Staenis grid to the correct height.
4. Fill the grid with the filling material.
5. Flatten the filler on the top side of the Staenis grid.

PLACEMENT METHOD 3



1. Place the Staenis grid completely in the room.
2. Turn the Staenis grid to the correct height.
3. Fill in the grid with the filling compound.
4. Flatten the filler on the top side of the Staenis grid.