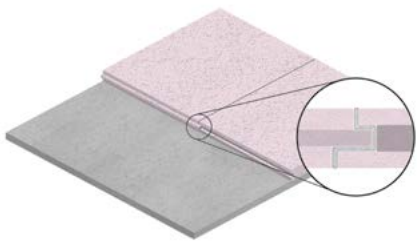


KARMA Smartfloor

Installation Guide

Smartfloor is a range of interlocking dry floor screed systems based upon gypsum board technology.



Smartfloor is a gypsum board available in 18mm & 22mm thicknesses.



Smartfloor WF incorporates a wood-fibre resilient layer to reduce impact sound available in 28mm & 32mm thicknesses.



Smartfloor RC incorporates a patented Regupol® polyurethane elastomer layer to reduce impact sound available in 24mm & 28mm thicknesses.

Preparation

Storage

All components should be kept inside, under cover and in dry conditions at all times. Panels should be stacked flat on a level surface. Materials should be located into the environment in which they are to be fixed at least 24 hours prior to fixing.

Sub floor

The base floor must be flat and completely dried out with a minimum of 75% RH.

Priming and levelling may be required.

Wooden substrates

To counter minor unevenness of worn floor planks where direct application (no resilient layer) of Smartfloor is specified use corrugated cardboard or paper as a leveller.

For greater unevenness use a bulk leveller except where the room has a high dynamic stress (e.g. under washing machines, spin dryers).

Reinforced concrete

Apply a vapour-control layer >0.2mm with joint overlaps of 200mm to protect against residual moisture.

The vapour-control layer should be applied to walls up to the floor construction height.

Edging strip

Karma 12mm edging strip should be applied to the wall before installing Smartfloor.

Wet components

Any components exposed to wet conditions such as ingress of water or plumbing leaks should be discarded and replaced.

Site traffic

It is recommended Smartfloor be installed after other work trades have finished.

Priming

Before applying floor coverings Smartfloor should be primed.

Parquet flooring

Use the specified parquet floor system primer

Ceramic tiling / natural stone (up to 330mm side length)

Use Regubond 100 adhesive following the manufacturer instructions especially with regard to glue bed thickness. Apply stoneware by the butter / float method pushing tiles in to the glue bed laterally.

Application

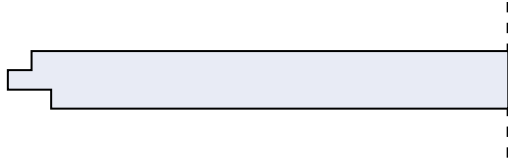
Smartfloor is not suitable for floors with high humidity and declined floors with drainage (e.g. commercial kitchens, swimming pools)

Karma Smartfloor

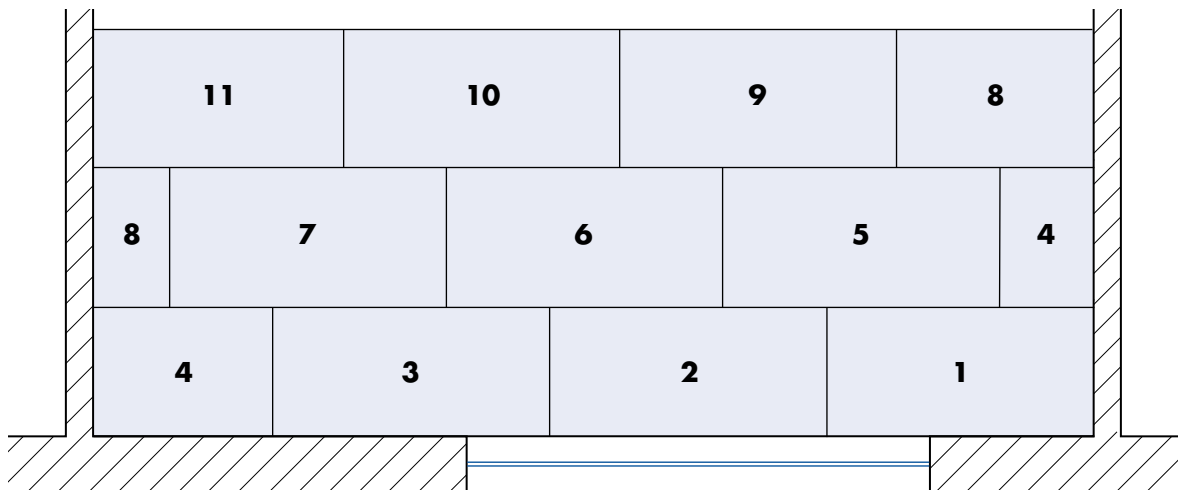
Laying Guidelines

Application on a separating layer or insulation

- 1 Cut off tier at connection to wall.



- 2 Start laying at the wall opposite the door to the left hand side.
- 3 Panels can be installed without extra joints at doors.
- 4 Prepare each board by placing a bead of PUD4 adhesive per joint.
- 5 Tightly butt the next board.
- 6 Excess adhesive should be removed with a sharp knife once dried.
- 7 Complete first run of boards then step in one width as per diagram.



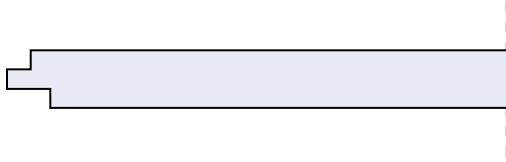
- 8 Joints should be staggered by at least 200mm.
- 9 Avoid walking on the boards until the adhesive has dried.

Karma Smartfloor

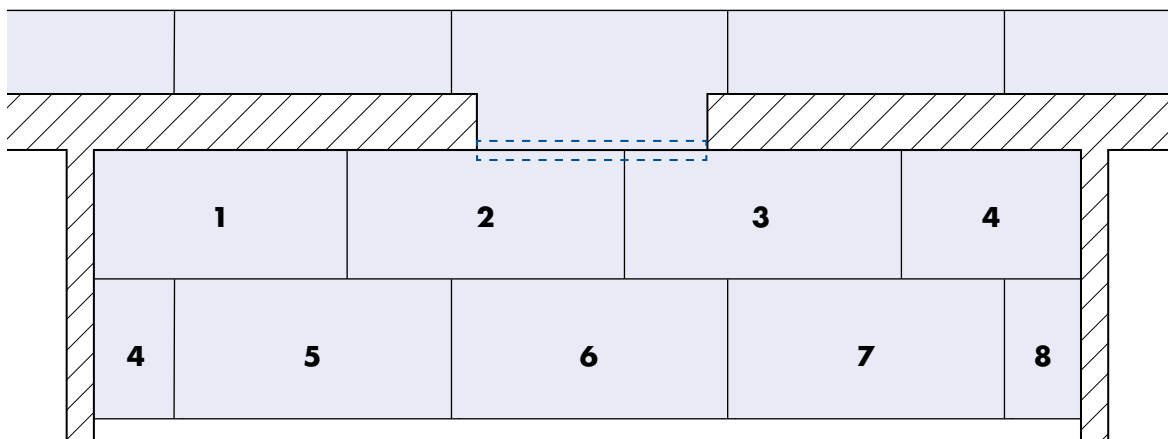
Laying Guidelines

Application on dry bulk leveller

- 1 Cut off tier at connection to wall.



- 2 Start laying at the wall adjacent to the door at the right hand side.
- 3 Panels should be installed with underlay joints at doors.
- 4 Prepare each board by placing a bead of PUD4 adhesive per joint.
- 5 Tightly butt the next board.
- 6 Excess adhesive should be removed with a sharp knife once dried.
- 7 Complete first run of boards then step in one width as per diagram.



- 8 Joints should be staggered by at least 200mm.
- 9 Avoid walking on the boards until the adhesive has dried.

For further information and sales enquiries please contact:

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