

Stravigym SP

Installation Manual

Installation Tools and Components

- Stanley knife
- Ink maker
- Poket tape measure
- Hand-held circular saw and/or jigsaw
- Battery powered screwdriver (+ screws)
- Manual transpallet (optional)
- Personal protective equipment

1 / Supporting Floor & System Components Preparation

Unpack and unroll all the system components and allow them to acclimatize for 24 hours prior to installation.

Check that the supporting floor has a tolerance of 0,1% or 1 mm/m for gradient and a maximum of 2 mm for smoothness.

Ensure the installation area is watertight and the supporting floor dry and clean prior to installation.

2 / Perimeter Isolation

All walls, columns and service penetrations through the floating floor should be isolated using Perimeter Strip.

The height of the Perimeter Strip strip should be the distance between the supporting floor and the finished level of the floating floor.

3 / Stravigym Mat-W25_w

Stravigym Mat-W25_w can be loose laid without the use of mechanical fixings or adhesive. It should be installed profiled side down ensuring that any air trapped underneath is removed.

Sheets of Stravigym Mat-W25_w should be carefully butt jointed together to ensure no gaps are visible.



4 / Board Layer 1

Loose lay the first board layer (Plywood or OSB/3) perpendicular to the Stravigym Mat-W25_w layer.



5 / Damping Layer

Loose lay the Damping Layer sheet over the first board layer without any overlaps and ensure the entire floor is covered.

The Damping Layer joints should be staggered so they are not located in the same place as the board joints.



6 / Board Layer 2

Install the second board layer perpendicular to the first board layer.

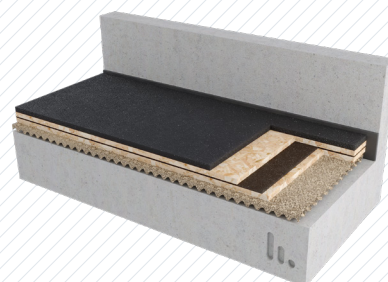
The second layer of boards should be staggered so the joints are not located in the same place as the Damping Layer joints underneath.



7 / Stravigym GympactLayer

Install Stravigym GympactLayer by loose laying it on the third board layer. If the Gympact is composed of more than one layer (as is the case for Stravigym GympactLayer-45) stagger the sheets to ensure the joints of the two layers are not located in the same place. The profiled sheet is always the first one to be installed – with the profile facing down onto the board layer.

For enhanced stability the Stravigym GympactLayer can be permanently fixed to the board by using either a double sided adhesive tape or Sika Tacly ST, a two component polyurethane adhesive (or similar). Both methods can also be used to glue the two layers of Stravigym GympactLayer together.



8 / Floor Covering & Other Finishing Details

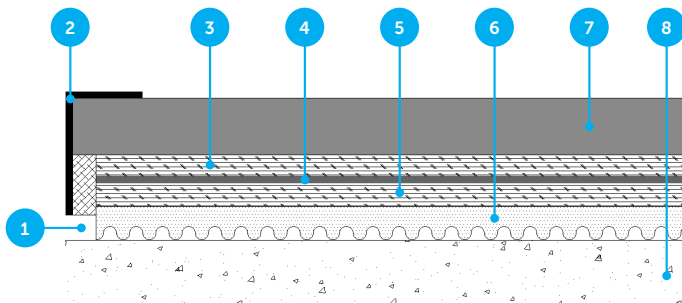
Install the final floor finish using the manufacturers installation instructions.

Ensure that the final floor finish is not rigidly connected to the surrounding walls.

Note: the illustration is a representation of a Stravigym SP system using Stravigym GympactLayer-45 as impact layer.



If the Stravigym floating floor system is a different height to the surrounding structure an edge profile will be required. If a rigid edge profile is used ensure that the height of it is less than the height of the total floor system so that it does not make contact with the supporting floor after deflection of the system ($1 > \text{deflection} + \text{creep}$).



1. Gap (can be filled with an elastic adhesive and sealant)
2. Edge Profile
3. Board layer
4. Damping Layer
5. Board layer
6. Stravigym Mat-W25_w
7. Impact Layers + Floor Covering
8. Structural Floor



If different Stravigym floating floor systems are being installed a rubber edge profile can be used to transition to different floor heights.

DISCLAIMER

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