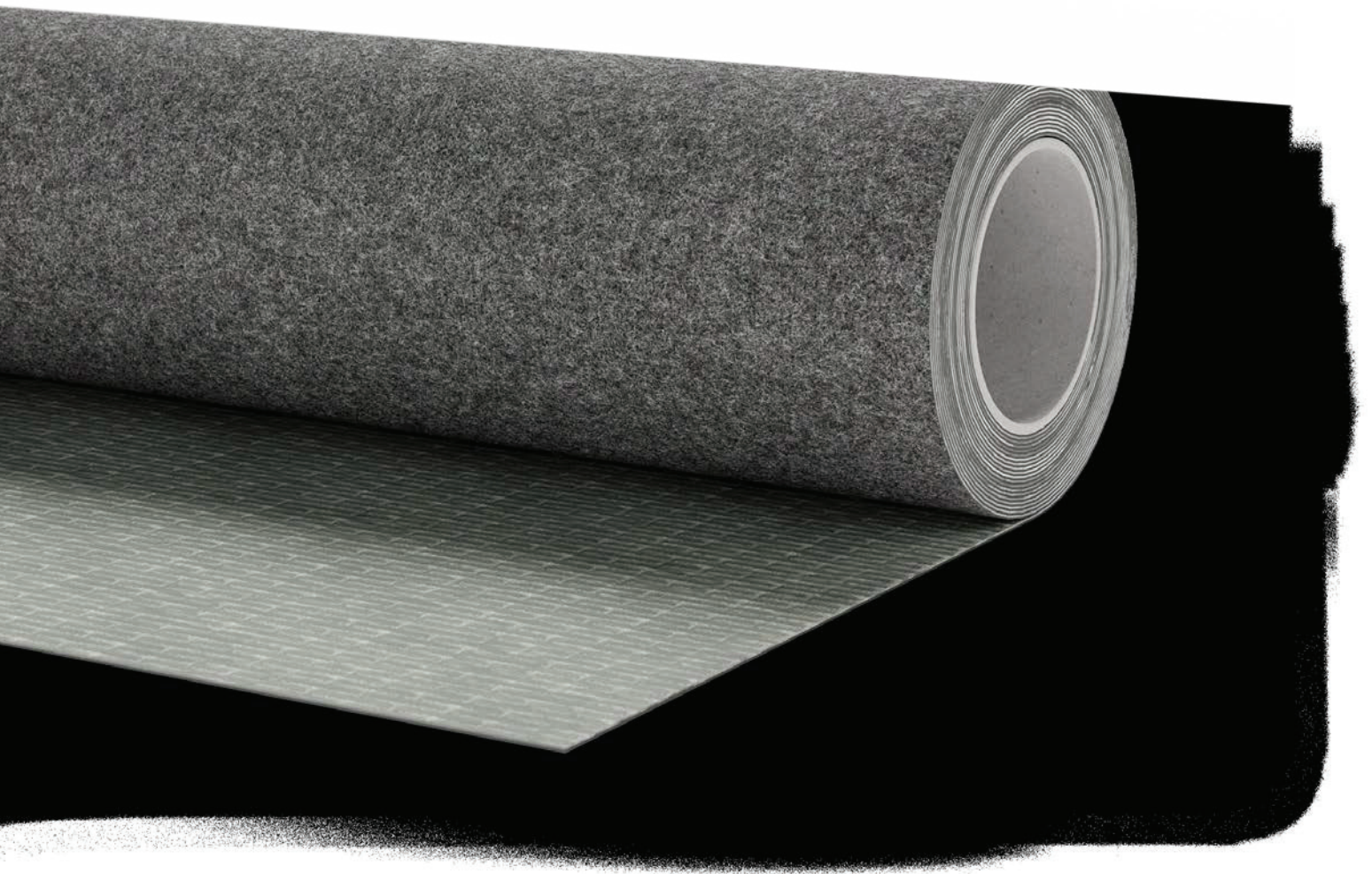


Components for Tiling New
**Decoupling Membrane
2.0**



Components for Tiling

Decoupling Membrane 2.0

Sealing and decoupling membrane as one single product..

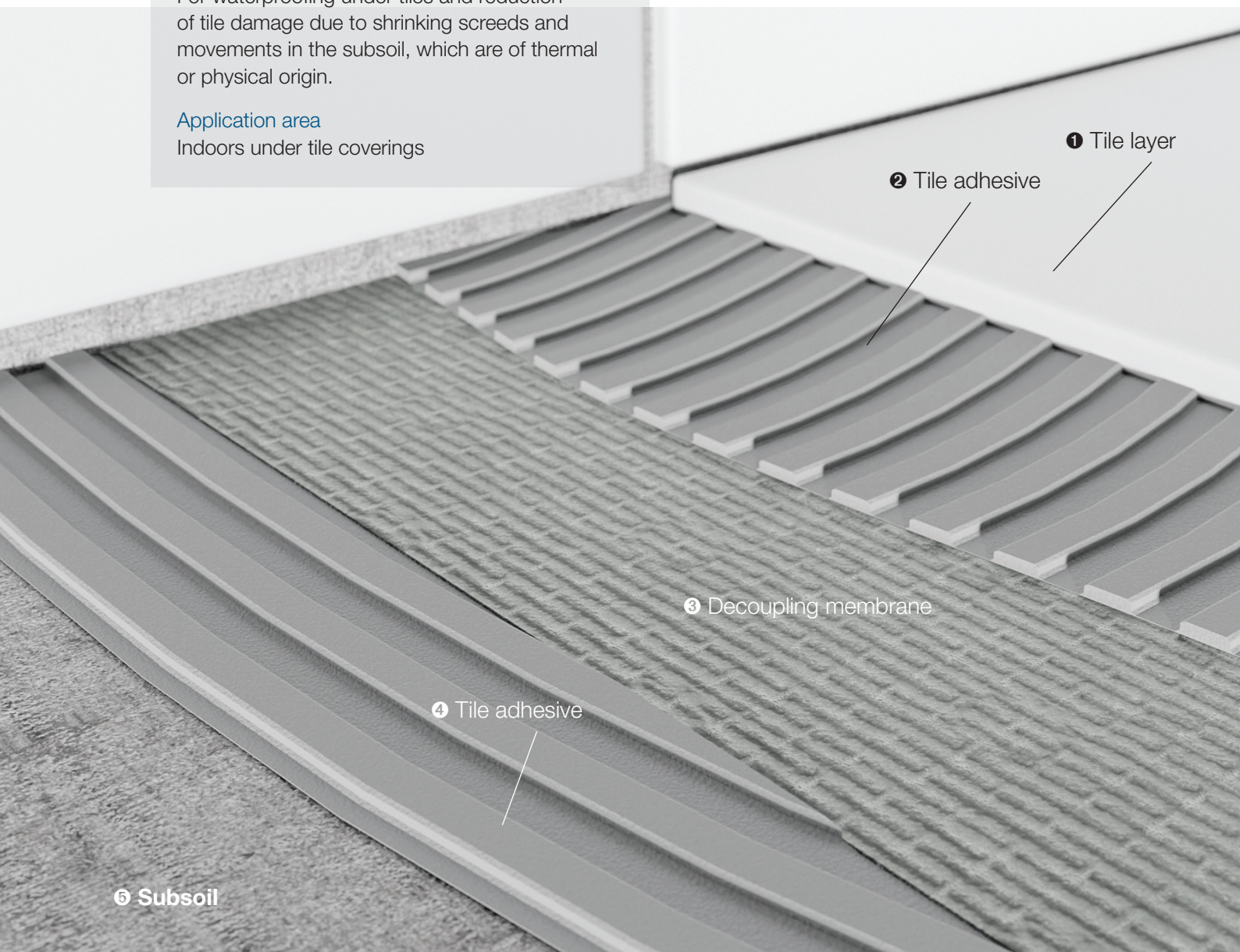
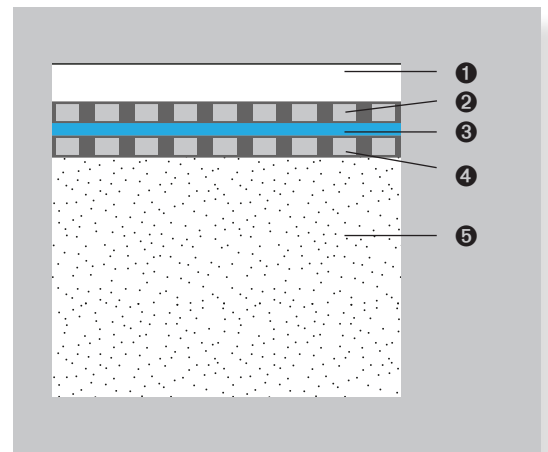
- Absorption of underground movement
- Stabilization of substrates
- Load transfer of high point loads
- Easy handling
- Good compatibility with many materials used for such application
- Earlier workability on green screed

Product description

Sealing- and decoupling membrane for indoors. For waterproofing under tiles and reduction of tile damage due to shrinking screeds and movements in the subsoil, which are of thermal or physical origin.

Application area

Indoors under tile coverings



Advantages and features

Less glue consumption

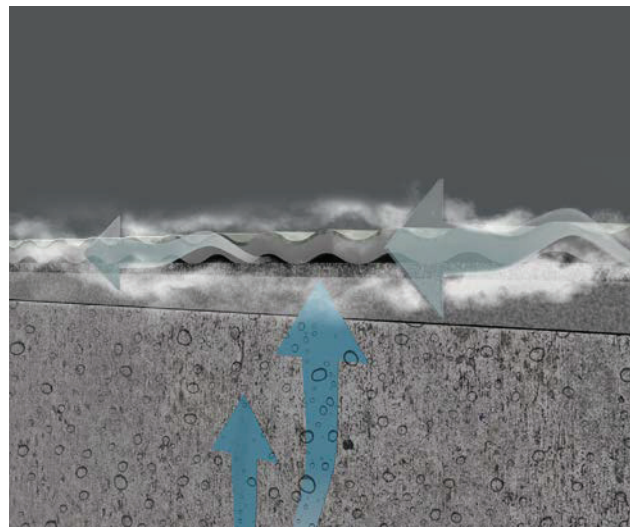
Due to the special structure of the membrane, approx. 50% less tile adhesive is used during processing than with comparable products.



50% less
Tile adhesive consumption

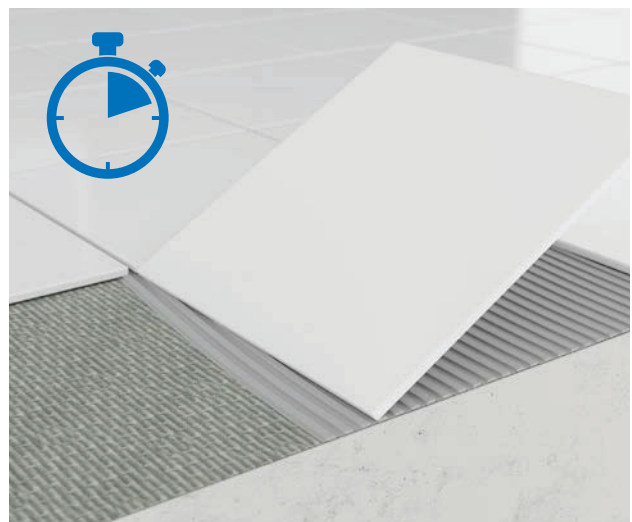
Vapour Management

Due to the air channels remaining open, vapor pressure compensation is guaranteed. Stable screed can be covered early.



Earlier workability

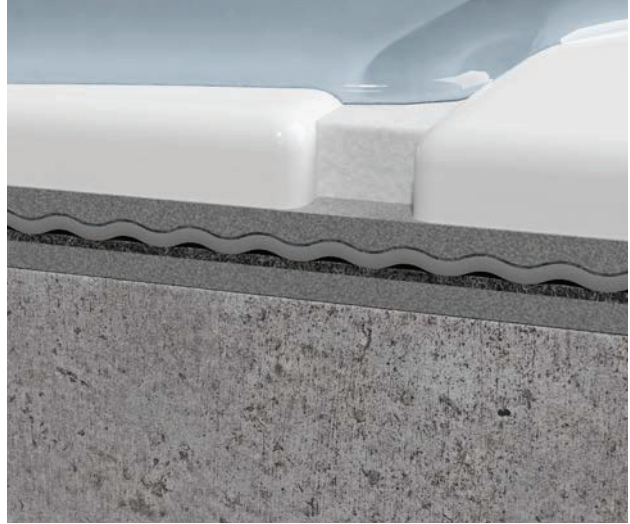
By means of a sealing and decoupling membrane, an earlier workability on still young, damp screeds is achieved. In addition the decoupling membrane can avoid the so called "sail" - type deformation of the screed when drying.



Waterproofing

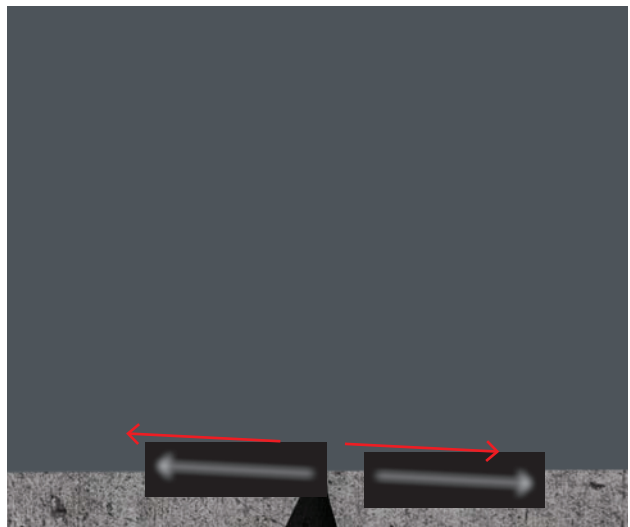
In conjunction with suitable sealing tapes and system components a waterproofing effect can be achieved by the decoupling membrane.

For this purpose, sealing tapes have to be applied with a suitable adhesive in wall to wall or wall to floor corner areas and over butt joints of the membranes (please follow the application instructions).



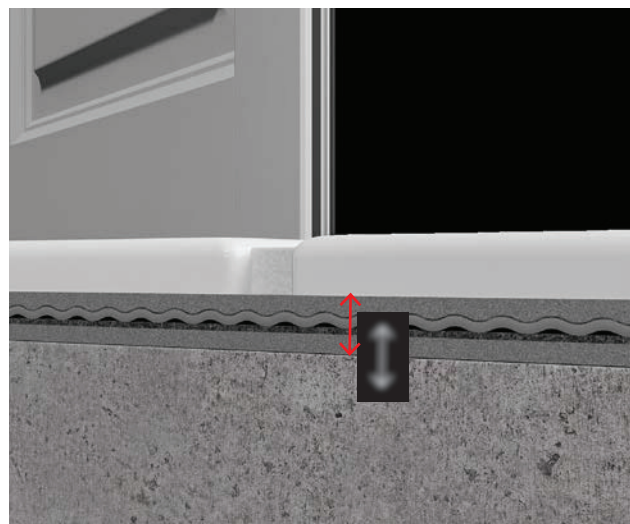
Stabilization

The decoupling membrane stabilizes the subsoil. This prevents cracks in the subsoil to get passed on to the tile layer. Particularly subsoils subject to stronger vibrations can thus be stabilized. It should be noted that the subsurface must be stable.



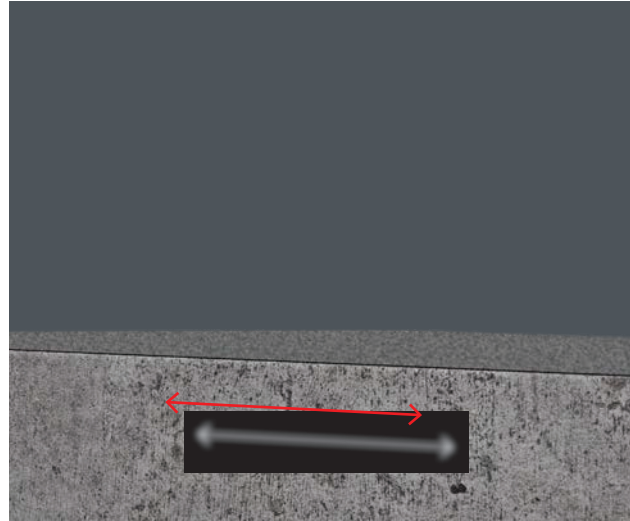
Thinner construction

Due to the small thickness of the membrane, the installation height remains low. This is a decisive advantage, especially in the renovation area.



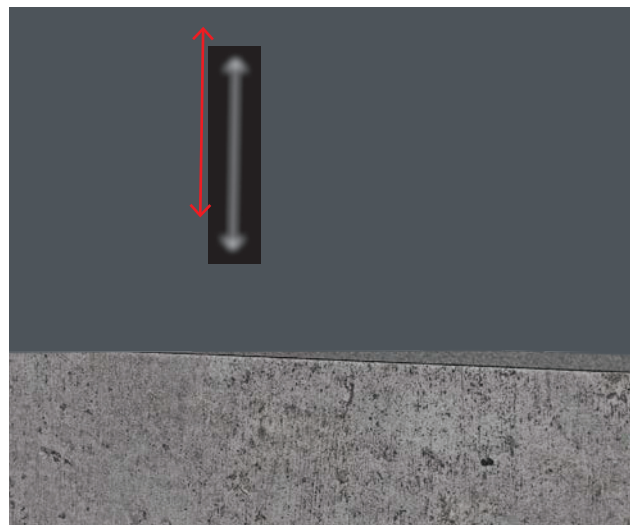
Movement absorption

The decoupling membrane absorbs horizontal movements of the subsoil to a certain extent, therefore preventing movement from being transferred onto the tile layer. These movements may be caused by thermal differences, drying, shrinkage or the like.



Load transfer

Due to its particular construction, the decoupling membrane transfers loads, which impact the tile layer, directly onto the substrate (e.g. traffic loads at a car dealer). For the respective area of application, the tiles must have a sufficient thickness (> 7.5 mm) and stability.



Impact sound reduction

When correctly installed, decoupling membranes can reduce the impact sound. Underlying areas are thus less affected by noise.

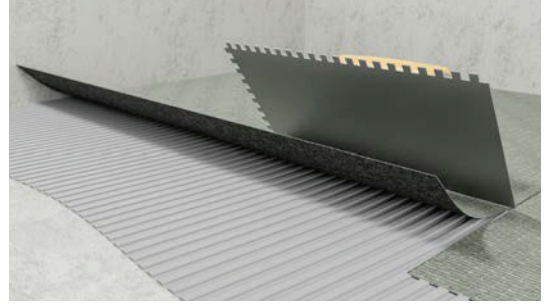


Application

- Trim the decoupling membrane to the size of the floor being covered.
- Prepare the floor with a suitable primer before applying the tile adhesive with a 4 mm x 4 mm toothed trowel.

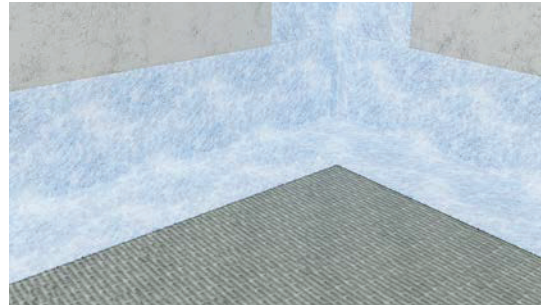


- Apply the decoupling membrane to the ground in a precise and edge-to-edge direction and smooth it towards the edges. Avoid air inclusions, glue residues and overlaps!
- The floor is now decoupled.



Further steps for waterproof sealing

- After installing the decoupling membrane, apply the sealing tapes and corners and continue according to the installation instructions of sealing products.



- If the floor is to be sealed as well, the joints must be covered with a sealing tape and sealing material.
- Mix the tile adhesive (at least C2) and apply it onto the decoupling membrane with a adapted to the tile format toothed trowel. (for mosaics please apply additional a load distribution layer).
- It is now possible to start laying the tiles without further waiting times.

