1. Application Sector

DAMTEC® wave 3D is the ideal rubber underlay in floating screed systems. With quick and easy installation and its extremely high resistance to compressive loads and outstanding elasticity, **DAMTEC® wave 3D** is equally well suited for applications in residential, office and commercial buildings. **DAMTEC® wave 3D** is available in different profiles.

2. Substrate

Sweep the existing dry concrete surface clean with a broom before installation. Very minor undulations in the concrete surface should not be detrimental to the properties of the material.

3. Storage / Preparation

DAMTEC® wave 3D, the insulating underlay, should be stored in dry areas at constant temperature.
Before installation of floor system components, install a peripheral insulation strip over all structural components which extend upward or laterally such as walls, pipes etc. This is required to avoid formation of sound conduction channels within the structure. The peripheral strip must be thick enough to ensure proper insulation and must extend upward beyond the subsequent floor surface.
Place the underlay over the entire surface to be covered. Trim to size slightly larger than the surface covered.
Leave the underlay in place for one day (min. 24 hours) to allow dimensional relaxation and temperature equilibration.

4. Installation

Trim the underlay to the exact dimensions of the surface covered.
Position each underlay section flush to the adjacent underlay section without overlap.
Seal joints with adhesive tape to avoid screed penetration and resultant sound conduction channels.
Cover underlay with PE membrane which should also cover the peripheral insulation strip and extend above the subsequent floor surface.

To avoid formation of sound conduction channels, be certain that screed cannot enter into the insulating underlay.

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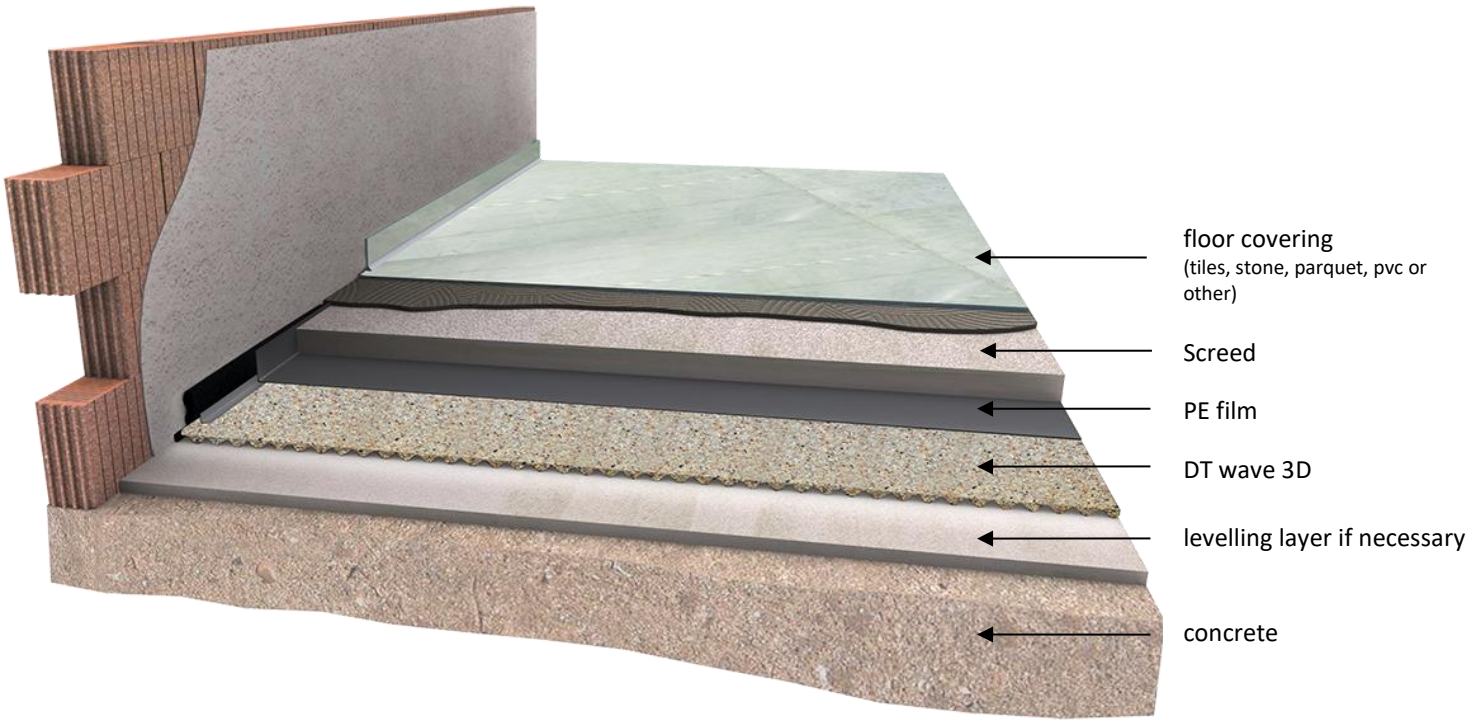
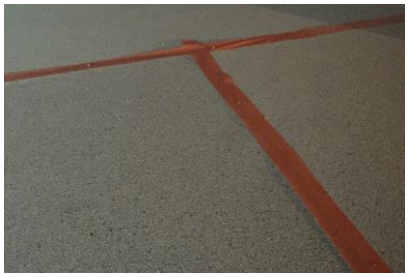
Install the screed layer in accordance with applicable standards and regulations.



5. Installation as a sample

1. Sweep clean the existing dry concrete surface. Place the underlay **DAMTEC® wave 3D** over the entire surface to be covered. Trim to size slightly larger than the surface covered. Leave the underlay in place for one day to allow dimensional relaxation and temperature equilibration.



2. Use a regular carpet knife in conjunction with a steel straightedge for cutting **DAMTEC® wave 3D** to size. Install a peripheral insulation strip over all structural components (e.g. **DAMTEC® wave 3D**). Seal joints with high tack adhesive tape.

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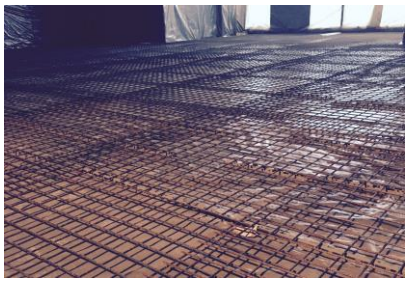
3. Cover underlay with PE membrane which should also cover the peripheral insulation strip and extend above the subsequent floor surface.



4. To avoid formation of sound conduction channels, be certain that screed cannot enter into the insulating underlay.

5. Install the screed or light weight cement. After finished installation start with floor finish. You can use other DAMTEC® products again for sound insulation.

DISCLAIMER:
The information provided is intended only as a summary and general overview on matters of interest. The information is not intended to be comprehensive nor does it constitute expert advice. KRAIBURG RELASTEC shall not be liable for incidental and/or consequential damages directly or indirectly sustained, nor any loss caused by not complying with relevant industry/product standards and improper use of any Damtec® products. Due to varying construction methods, any other circumstances not stated above should be brought to the attention of KRAIBURG RELASTEC for review. For suitability to the prevailing site conditions, it is advised that certified testing should be conducted. It is recommended to seek further advice on your application with our technical staff prior to use.

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