

1. Application Sector

DAMTEC® system is the premium insulating padding for concrete or wooden subfloors. It provides outstanding impact sound deadening properties under screed or rigid floor elements. **DAMTEC® system's** special design and granular-textured surface ensure superior acoustic insulation especially in the low frequency range, the most difficult part of impact sound insulation. **DAMTEC® system** is ideal for use on wooden subfloors in combination with flooring of various types, generating high market demand particularly in the refurbishment sector.

2. Substrate

Sweep the existing dry concrete surface clean with a broom before installation. In case of larger unevenness or installed piping is if necessary a levelling screed or a levelling filler to be installed. If necessary install thermal insulation. Installation instructions of the manufacturers by levelling layers and thermal insulation are to be considered.

3. Storage / Preparation

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 (2 layer)

Trim the underlay to the exact dimensions of the surface covered. Position each underlay section flush to the adjacent underlay section without overlap. The open granules side has to face up.

The second layer **DAMTEC® system** has to be turned. The open granules side has to face down. 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.

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

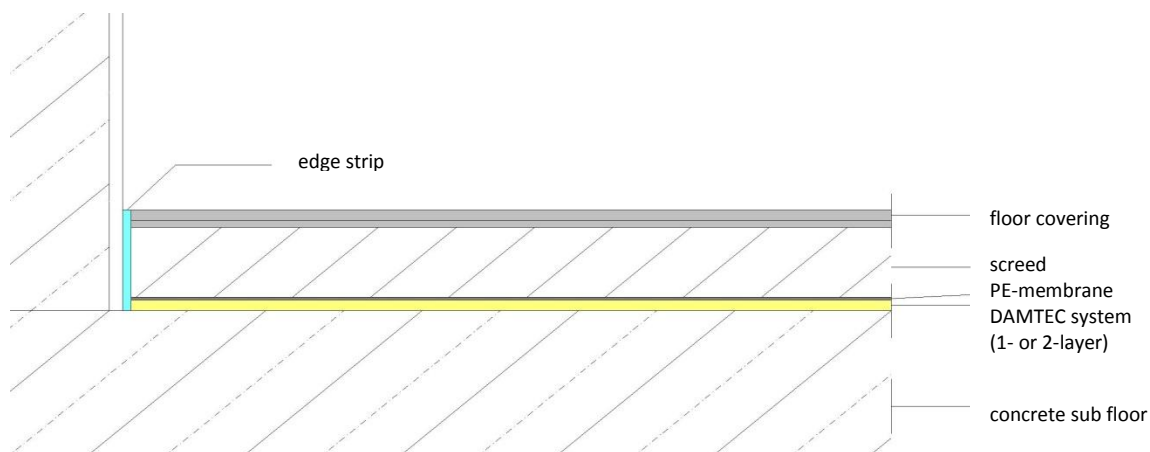
5. Installation (1 layer)

Trim the underlay to the exact dimensions of the surface covered. Position each underlay section flush to the adjacent underlay section without overlap. The open granules side has to face down.

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.

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



DISCLAIMER:

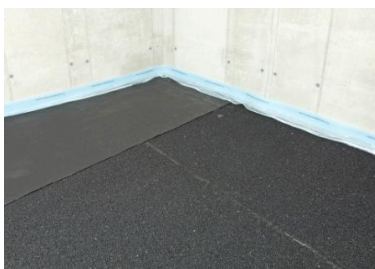
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6. Installation (2-layer)



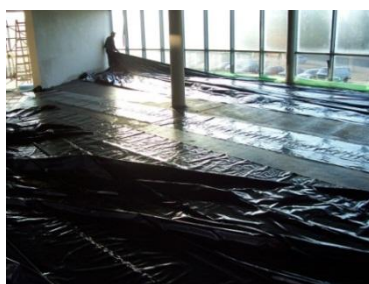
1. Sweep the existing concrete surface clean with a broom before installation. Install a peripheral insulation strip over all structural components which extend upward or laterally such as walls, pipes etc. The strip has to have right dimension and must extend upward beyond the subsequent floor surface



2. Place **DAMTEC® system** first and second layer over the entire surface to be covered. Trim to size slightly larger than the surface covered. Leave the underlay in place for 1 day (min. 24 hours) to allow dimensional relaxation and temperature equilibration.



3. Use a Stanley knife to cut. Trim the underlay to the exact dimensions of the surface covered.



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

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Seite 3 von 4



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



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



7. After finished installation start with floor finish. You can use other **DAMTEC®** products again for sound insulation.

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Seite 4 von 4