



Summary description - application and installation

Step 1:



Step 2:



Step 3:



Step 4 + 5:



Required tools::

- Mixing container (approx. 90 litres)
- Hand mixer or compulsory mixer
- Plastic ladle
- Plastic, wooden or aluminium scraper
- Gloves
- Lamp or spotlight
- Edge strip
- If necessary - preheat binder with lukewarm water

Evaluation of the substrate / premises::

- If the subfloor is load-bearing, does not give way and does not have any openings where the material placed on it could run off.
- Have all preparatory work and installations been carried out professionally?
- Have all transitions and doorways / thresholds been taken into account in the installation height of **ThermoDyn**?
- Are there any damp spots on the floor to be covered and have they been eliminated?
- Have thoughts been made about the further top floor structure

Preparation of the substrate and surrounding area:

- Make the metre crack for subsequent laying of the **ThermoDyn** dry screed. Alternatively, work can also be carried out using wooden battens, lattice system and height-straightening fill..
- Fix barriers and pipelines accordingly. Check for compressive strength and remove any pressure-sensitive additional materials.
- Remove all disturbing materials from the floor to be covered. The floor does not have to be swept clean.
- If working to the ground. Has an additional vapour barrier been considered?
- Has an edge strip been professionally applied?
- If a greater construction height is required. This can be bridged by means of hard foam boards, **ThermoDyn fill oder ThermoDyn grid** with up to approx. 70% of the construction height.
- Provide sufficient bagged material for quick mixing.
- If the ambient temperature is very low. Pre-temper the binder for mixing **ThermoDyn** in a lukewarm water bath. This facilitates the homogeneous mixing of the product.

Install dry screed **ThermoDyn**:

- Open the **ThermoDyn** material bag and pour the granulate into the mixing container. Empty the binder bottle completely into Theo granulate..
- Mix the material homogeneously and evenly with a hand whisk or compulsory mixer.
- Fill up **ThermoDyn** (granulate mixture) onto the floor to be covered.
- Spread the granulate mixture to the desired installation height using a trowel and scraper. Pay attention to the previously marked height specifications.
- Slightly compress the surface of the granulate mixture with a trowel and, if necessary, add material to compensate for the height.
- If there are barriers. Ensure that the **ThermoDyn** granulate mixture is in positive contact with the existing object.
- If it is necessary to interrupt the work for a longer period of time. This is no problem. When work is resumed, the new granulate mixture is simply added to the existing and hardened area.
- If work is interrupted for a longer period of time, let the whisk run off in dry granulate.

If the surface of **ThermoDyn** needs to be levelled:

- Step 1: Level the surface using filler. Material for patent sealing – (**ThermoDyn NiviLock NL 01**)
- Step 2: Apply primer if levelling is necessary (**ThermoDyn NiviGrund 02**)
- Step 3: Apply the primer (**ThermoDyn NiviPlan 03**)
- Step 4: Apply topsoil professionally.