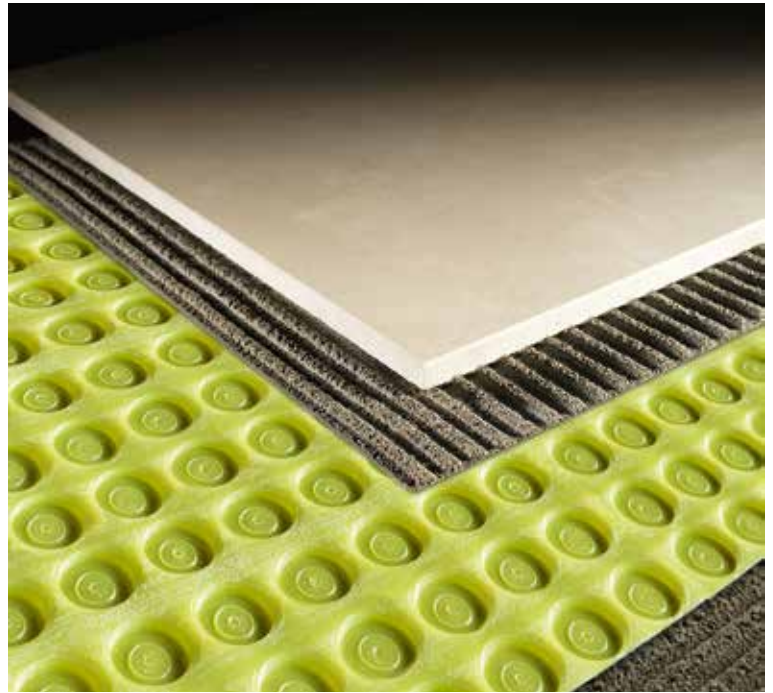


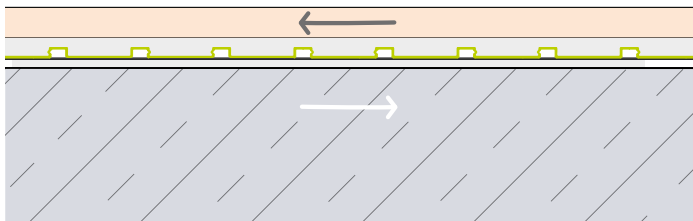
floortec

FLOORTEC is a membrane designed specifically for ceramic and stone tile installation based on uncoupling technology. It is placed between the tile and the substrate. Tile and membrane are bonded using appropriate mortar-based thin-set adhesives. The membrane compensates for differential movement in all directions, neutralizing tension between the substrate (concrete or wood structures) and tile. Additionally, the open cavities on the underside of the membrane provide pressure relief for moisture rising from the substrate allowing the tile flooring to be installed without waiting the usual curing time for freshly-poured concrete (green concrete). The Floortec membrane is composed of a plastic material that is waterproof, but the complete secondary waterproofing of the application must be carried out by using Foiltec strips and corner joints.



floortec

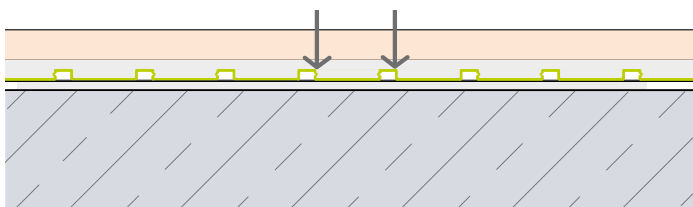
Roll dimensions: L= 30 m; B= 1 m. Total: 30m²



TENSION COMPENSATION

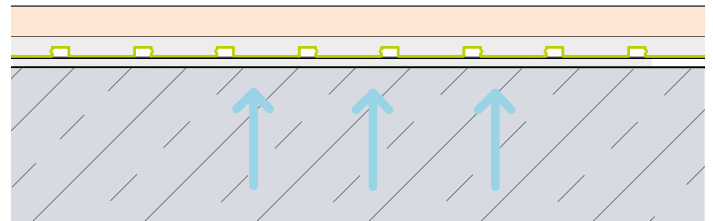
(uncoupling characteristic)

The membrane is able to compensate for differential movement in all directions, neutralizing tension between the substrate (concrete or wood structures) and tile, hence preventing stress build-up and damages to the tile layer.



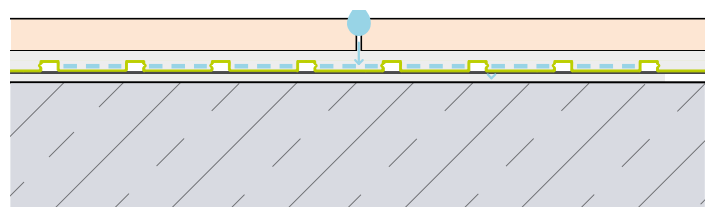
LOAD RESISTANCE

The circular column support structure on the surface of the membrane provides increased load resistance compared to other-shaped columns: the mortar-based adhesive on the surface of the mat fills the circular cavities forming a solid column support structure. FLOORTEC has been tested by TCNA and passed all 14 cycles (Extra-Heavy Commercial) on the Robinson Wheel Test (ASTM C627) over 19.2" wood frame construction.



VAPOR MANAGEMENT

The open cavities on the underside of the membrane provide pressure relief for moisture rising from the substrate allowing the tile flooring to be installed without waiting the usual curing time for concrete (28 days). The humidity evaporates through the interstitial spacing between the waterproof membrane and the non-woven fabric.

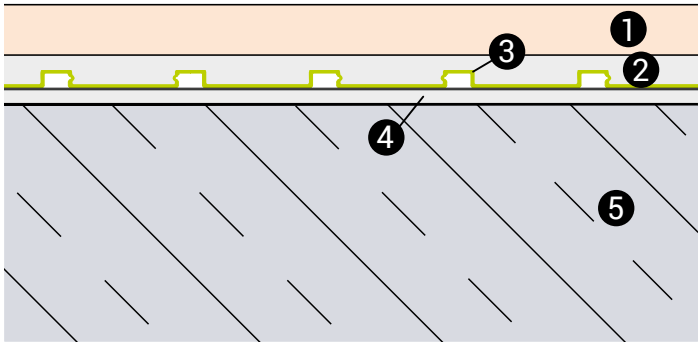


WATERPROOFING*

Waterproofing thanks to the material (HDPE). The membrane blocks any water infiltration on the top layer by promoting its normal evaporation process. Therefore, it protects the screed from water percolation, preventing the formation of ice in very cold temperatures.

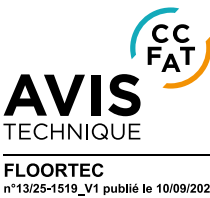
* PLEASE NOTE : The Floortec membrane is composed of a plastic material resistant to water, but the complete waterproofing of the application must be carried out by using Foiltec strips and corner joints. The incorrect application of these accessories may compromise waterproofing. Additionally, please note that the FLOORTEC membrane cannot be used as a primary waterproofing system, for which a bituminous membrane or similar product must be used.

The membrane is 3 mm in total thickness and composed of high density polyethylene laminated with Spunbond non-woven fabric on the underside.



- 1. Tiles
- 2. Glue
- 3. **FLOORTEC**
- 4. Glue
- 5. Glue Screed

STRATIGRAPHY



floortec >> polyethylene membrane for tile floor								
Item	LxB mm	Description		roll			rol / pallet	
FLOORTEC	30 mx1 m	UNCOUPLING MEMBRANE 0.3 mm - L30 m		1			12	

