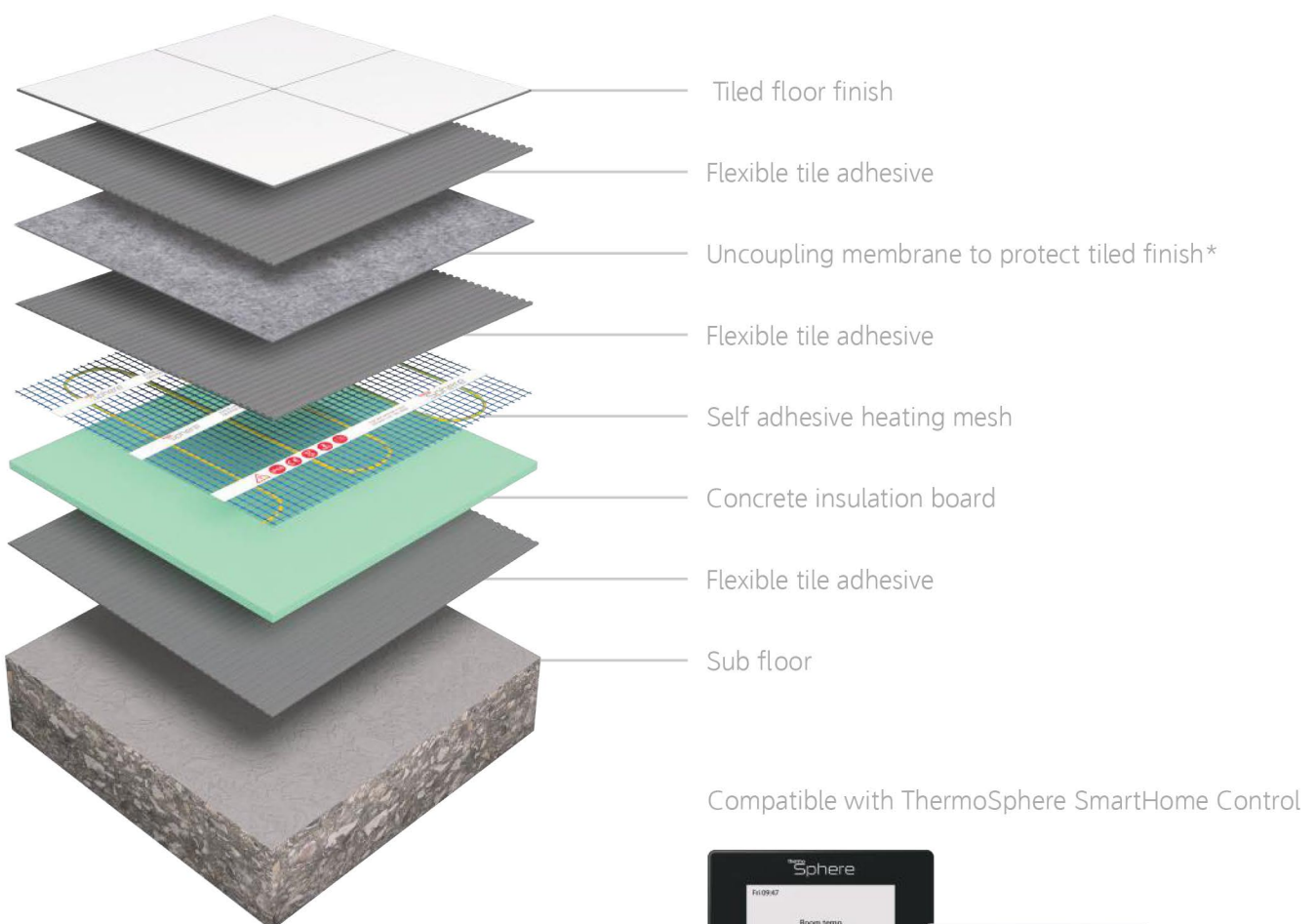


Our original solution

ThermoSphere mesh is designed for installation under tiled and stone floors. The heating cable is protected by the mesh and can be tiled over directly.



Compatible with ThermoSphere SmartHome Control

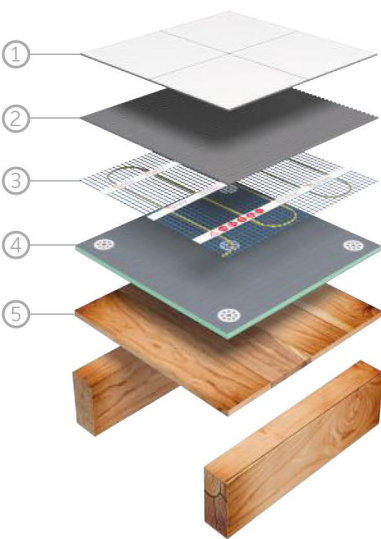


*Uncoupling membrane should be installed with underfloor heating as referenced in BS 5385-5:2009

Other floor build up solutions

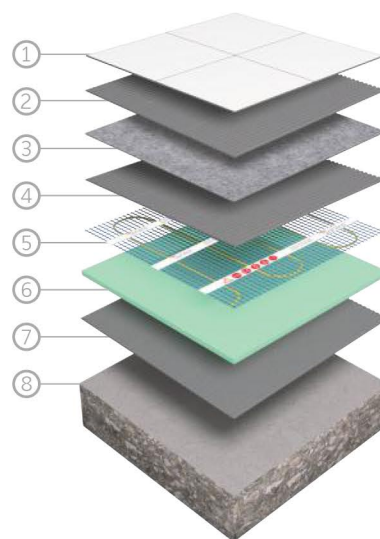
Electric underfloor heating mesh is recommended for tile and stone floors, but can be used in almost any type of floor specification including carpet, vinyl, even wet rooms.

Tiled floor finish on a timber substrate



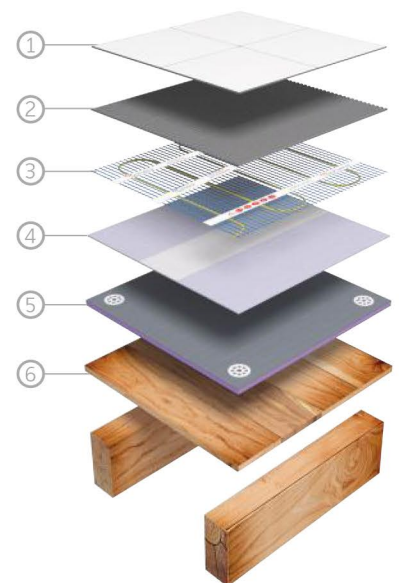
- ① Tiled floor finish
- ② Flexible tile adhesive
- ③ Heating mesh
- ④ Coated insulation
- ⑤ Timber substrate

Tiled floor finish on a concrete substrate



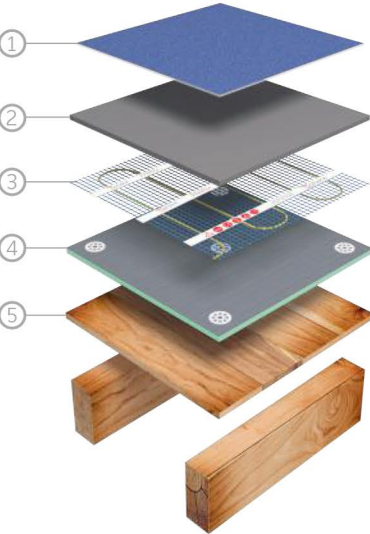
- ① Tiled floor finish
- ② Flexible tile adhesive
- ③ Uncoupling membrane
- ④ Flexible tile adhesive
- ⑤ Heating mesh
- ⑥ Uncoated insulation
- ⑦ Flexible tile adhesive
- ⑧ Prepared concrete substrate

Tiled floor finish with a waterproof tanking layer



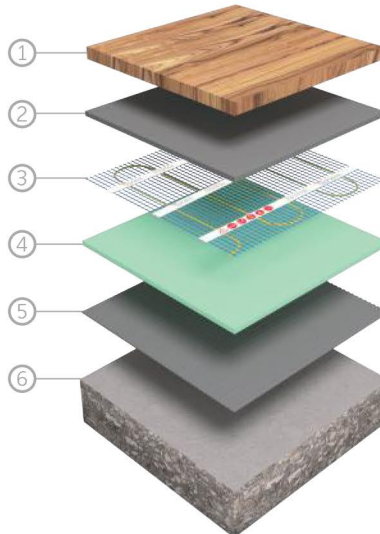
- ① Tiled floor finish
- ② Flexible tile adhesive
- ③ Heating mesh
- ④ Waterproof tanking system
- ⑤ Coated insulation
- ⑥ Timber substrate

Vinyl floor finish with self levelling compound



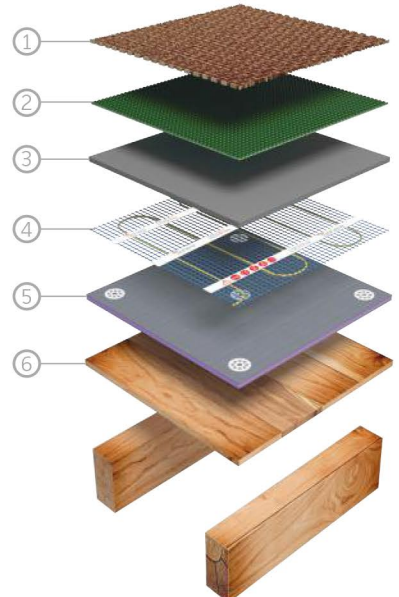
- ① Bonded vinyl floor finish
- ② Flexible self levelling compound**
- ③ Heating mesh
- ④ Coated insulation
- ⑤ Timber substrate

Engineered timber floor with levelling compound



- ① Engineered timber floor finish
- ② Flexible self levelling compound**
- ③ Heating mesh
- ④ Uncoated insulation
- ⑤ Flexible tile adhesive
- ⑥ Prepared concrete substrate

Carpet and underlay on a timber substrate



- ① Carpet floor finish¹
- ② Low tog underlay¹
- ③ Flexible self levelling compound**
- ④ Heating mesh
- ⑤ Coated insulation
- ⑥ Timber substrate

**Minimum recommended thickness of 10mm. above cables.

¹Max tog rating of carpet and underlay: 2.5 Tog.