

Installation of **Underfloor Heating**







LEVELLING/BONDING **HEATING ELEMENTS**

evel Floor







WATERPROOFING

Flexible Sealer, Hydrathane, Liquid Flash 1 Mixin





ADHERING TILES

Kemflex









GROUTING

Kemgrout Flexible mixed with Primebond



PERIMETER, EXPANSION & CONTRACTION JOINTS Colour Seal & Sealflex



Substrates

Concrete and compressed cement sheet.

Priming

Prime substrate with **Primax**.

2 Place Heating Mat

3 Levelling and Bonding the Heating Elements

Apply **Acoustiflor** on compressed cement sheet - applied to twice the thickness of the mat. Apply Level Floor Standard on concrete - applied to twice the thickness of the mat. Alternatively Monoflex can be used to bond the heating element up to the top of the mat.

Waterproofing

Waterproof with Flexible Sealer, Hydrathane, Liquid Flash 1 or Liquid Flash 2.

5 Adhering Tiles

Adhere tiles with Kemgrip Floor & Wall mixed with Elastacrete, Kemflex, Monoflex or Ultima.

6 Grouting Tiles

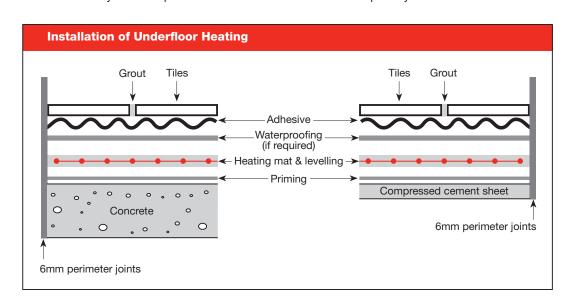
Grout with Kemgrout Flexible mixed with Primebond.

Perimeter, Expansion and Contraction Joints

Apply Sealflex.

The system must accommodate movement, expansion and contraction of the substrate, and the heating and cooling of the matting, therefore 6mm perimeter joints must be provided at joints at 6 metre intervals.

Observe dry times for products used and heat the floor 2-3°C per day. Do not exceed 40°C.





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