

# Installation of Underfloor Heating

## PRIMING

Primax  
Packaging

Mixing



## LEVELLING/BONDING HEATING ELEMENTS

Level Floor  
Packaging

Mixing



Acoustiflor  
Packaging

Mixing



Monoflex  
Packaging

Mixing



## WATERPROOFING

Flexible Sealer,  
Hydrathane, Liquid Flash 1  
Packaging

Mixing



Liquid Flash 2  
Packaging

Mixing



## ADHERING TILES

Kemflex  
Packaging

Mixing



Monoflex  
Packaging

Mixing



## GROUTING

Kemgrout Flexible  
mixed with Primebond  
Packaging

Mixing



## PERIMETER, EXPANSION & CONTRACTION JOINTS

Colour Seal & Sealflex  
Packaging

Mixing



## Substrates

Concrete and compressed cement sheet.

### 1 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.

### 4 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**.

### 7 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.

