

#### PRIMING







#### LEVELLING/BONDING HEATING ELEMENTS Level Floor









#### WATERPROOFING

Flexible Sealer, Hydrathane, Liquid Flash 1 Packaging Mixing





#### ADHERING TILES Kemflex



GROUTING Kemgrout Flexible mixed with Primebond



#### PERIMETER, EXPANSION & CONTRACTION JOINTS Colour Seal & Sealflex



# Installation of Underfloor Heating

## **Substrates**

Concrete and compressed cement sheet.

### 1 Priming

Prime substrate with **Primax** or **Super Prime**.

## 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 Monoflex or Kemflex.

## 6 Grouting Tiles

Grout with Kemgrout Flexible mixed with Primebond.

# Perimeter, Expansion and Contraction Joints

Apply Colour Seal or 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.

#### Installation of Underfloor Heating Grout Tiles Tiles Grout Adhesive Waterproofing (if required) ►- Heating mat & levelling → Priming Compressed cement sheet 0 0 0 0 0 • 0 0 Concrete 0 0 • 0 6mm perimeter joints 0 0 6mm perimeter joints



Adelaide (08) 8243 7888 Darwin (08) 8947 1811 Perth (08) 9356 9999 Auckland (09) 273 5444 Brisbane (07) 3271 2944 Melbourne (03) 9761 4711 Sydney (02) 9756 3533 Kuala Lumpur (603) 5122 2522

#### www.constructionchemicals.com.au

The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the user's sole responsibility to ensure suitability for a specific purpose.