

Adhering Tiles on a Damp Concrete Floor

Dampproofing

Packaging Mixing



Application



TILING ADHESIVE

Kemgrip Floor & Wall mixed with **Elastacrete**

Packaging Mixing



Monoflex & Hydrabond

Packaging Mixing



Application



Grouting

Packaging Mixing



Application Uses



TIMBER ADHESIVE

Ultrathane, Foamgrip and Elastafix

Packaging Mixing



Ultrathane Application **Foamgrip** Application



Elastafix Application



Substrates

Concrete floors

Materials

Epecrete (water-based, multipurpose epoxy), **Kemgrip Floor & Wall** (cement-based adhesive), **Elastacrete** (acrylic bonding additive), **Hydrabond** (premium adhesive for immersed applications), **Monoflex** (premium, flexible, rubber adhesive) **Kemgrout** (cement-based grout), and **Primebond** (additive to **Kemgrout**).

Surface Preparation

All surfaces must be clean and structurally sound, and free of grease, dust, coatings and other contaminants. New concrete must have cured for 28 days or more.

Workmanship

Apply products in accordance with the manufacturer's written instructions and good trade practice and relevant standards.

Application

Waterproofing the slab (when no polythene is used or the polythene has been compromised) and the slab is continuously damp from rising damp. Apply two coats of **Epecrete** according

to application instructions to prevent water from penetrating from or through the slab. Allow 24 hours to dry before proceeding.

Tile Adhesive

Apply the adhesive, **Kemgrip Floor & Wall** mixed with **Elastacrete**, **Hydrabond** or **Monoflex** with an appropriate notched trowel. For tiles 400mm x 400mm or greater use a 12mm notch and butter tile back (as per the Australian Standard AS3958.1). The final bed thickness must not be less than 2mm for walls and 3mm for floors, to accommodate movement. Spread about 1 metre at a time. Tiles must be set in place while the adhesive is still wet on the surface. Press tiles firmly into the adhesive using a slight sliding motion. Tiles must be firmly bedded into the adhesive so no voids occur beneath the tiles. **Do not** spot fix. Movement joints (5mm) to be at 5 metre grids, corners and room perimeters are filled with **Colour Seal** or **Sealflex**.

Grouting

Dilute **Primebond** 50:50 with water and mix with **Kemgrout** to a thick, creamy consistency and apply as per directions on **Kemgrout** bag. Force the mixture well into the joints.

Adhering Timber on a Damp Concrete Floor

Materials

Epecrete (water-based, multipurpose epoxy), **Ultrathane** (one-pack polyurethane), **Foamgrip** (one-pack polyurethane) and **Elastafix** (one-pack hybrid polymer).

Surface Preparation

All surfaces must be clean and structurally sound, and free of grease, dust, coatings and other contaminants. New concrete must have cured for 28 days or more.

Workmanship

Apply products in accordance with the manufacturer's written instructions and good trade practice and relevant standards.

Application

Waterproofing the slab (when no polythene used under the slab).

Apply two coats of **Epecrete** according to application instructions to prevent water from penetrating from or through the slab. Allow 24 hours to dry before proceeding.

Timber Adhesive

Apply **Ultrathane**, **Foamgrip** or **Elastafix** as per instructions when the moisture content of the substrate is below 5%.

Adhering Tiles / Timber Floors

