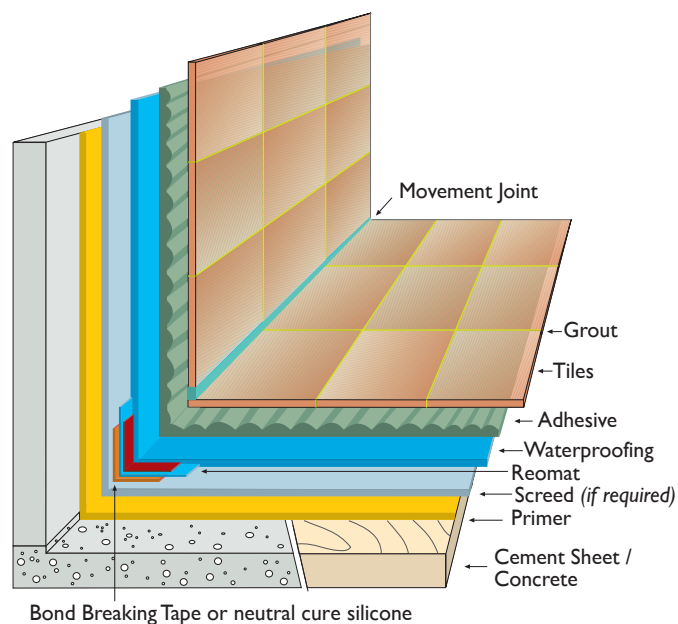


Tiling Specification

Wet Areas

WA | Waterproofing Wet Areas – Floors and Walls

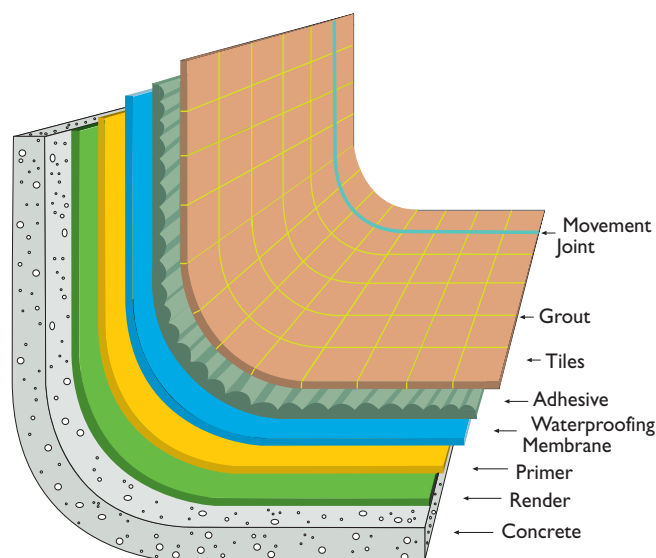
Primer	Prime the surface with Primebond (internal)/ Primax (external), Epecrete on damp surfaces.
Screed (if required)	Screed to falls using Kemcrete mixed with cement/sand mortar, finishing with a wood float.
Bond Breaker	Bond breaker tape or neutral cure silicone, applied to wall/wall, floor/hob junctions
Waterproofing	Waterproof with Flexible Sealer or Liquid Flash 1 (for new construction), Liquid Flash 2 or Hydrathane (for renovations - fast cure) applied in two coats to a minimum 1.5mm final dry film thickness.
Reomat	Reinforce corners with Reomat (optional).
Adhesive	Adhere tiles using Gripflex or Monoflex applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Flexible .
Movement Joint	Fill expansion joints with Colour Seal or Sealflex .



Immersed Applications

IA | Concrete Swimming Pools – Waterproofing and Tiling

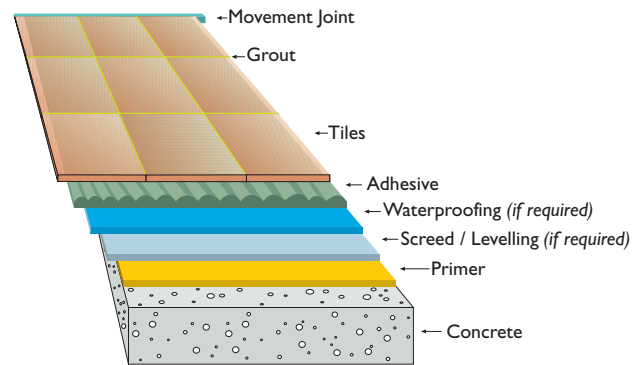
Primer	Prime the surface with a Primax or Epecrete .
Levelling / Render	Level the walls and floor with mortar screed mixed with Kemcrete .
Waterproofing	Waterproof with Liquid Flash 2 applied in two coats to a minimum 1.5mm final dry film thickness.
Adhesive	Fix tiles using Kemgrip Floor and Wall mixed with Elastacrete applied to AS 3958.1. Mosaicbond or Ultima for glass mosaics in commercial applications and Hydralite for domestic use.
Grout	Grout with Kemgrout Sanded mixed with Primebond .
Movement Joint	Fill expansion joints with Pool Grade Silicone Sealant .



Flooring

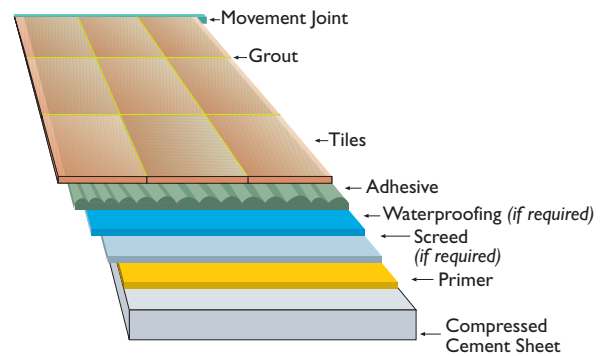
F1 Concrete – Internal / External

Primer	Prime the surface with Primebond (internal) or Primax (external).
Levelling / Screed (if required)	Level concrete with Level Floor . Screed to falls using Kemcrete mixed with cement/sand mortar finishing with a wood float on a primed surface.
Waterproofing	Waterproof with Liquid Flash 2 (external) and Liquid Flash 1 (internal) applied in two coats to a minimum of 1.5mm final dry film thickness.
Adhesive	Adhere tiles with Monoflex applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Sanded .
Movement Joint	Fill expansion joints with Colour Seal (internal) or Sealflex (external).



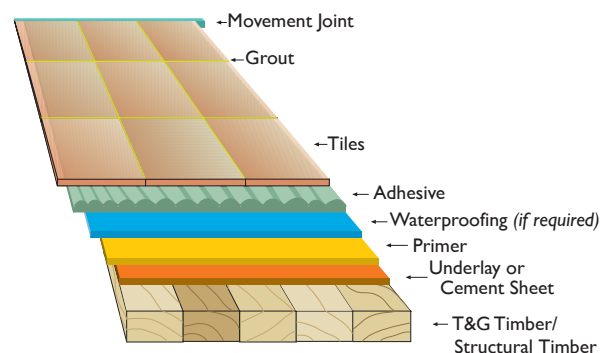
F2 Compressed Fibre Cement Sheeting Internal / External

Primer	Prime the surface with Primebond (internal) or Primax (external).
Screeding (if required)	Screed to falls using Kemcrete mixed with cement/sand mortar finishing with a wood float on a primed surface.
Waterproofing (if required)	Waterproof with Liquid Flash 2 applied in two coats to a minimum of 1.5mm dry film thickness.
Adhesive	Adhere tiles with Kemflex or Monoflex applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Sanded mixed with Primebond .
Movement Joint	Fill expansion joints with Colour Seal (internal) or Sealflex (external).



F3 Timber Floor – Internal

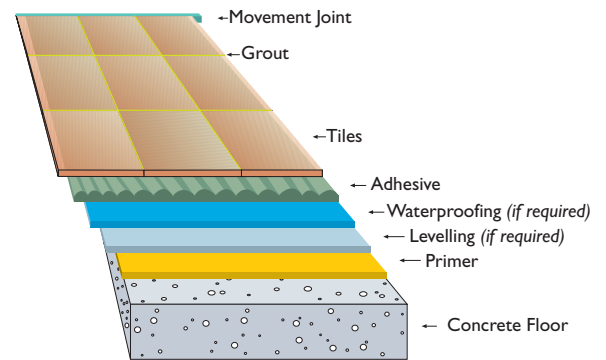
Underlay	Fix cement sheet underlay or a 6mm layer of Acoustiflor to make floor structurally firm.
Primer	Prime cement sheets with Primebond or Primax .
Waterproofing (if required)	Waterproof with Liquid Flash 2 or Hydrathane applied in two coats to a minimum of 1.5mm dry film thickness.
Adhesive	Adhere tiles with Kemflex or Monoflex applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Sanded mixed with Primebond .
Movement Joints	Fill expansion joints with Colour Seal or Sealflex .



Flooring

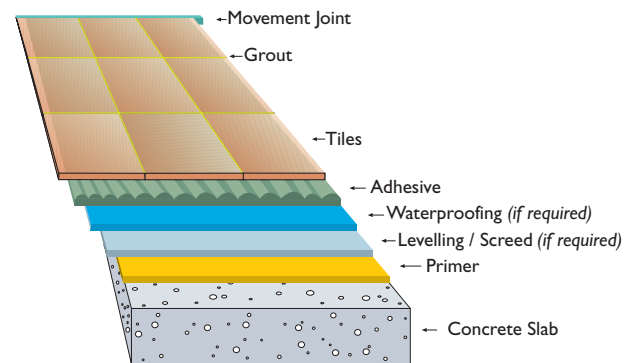
F4 Commercial Floors – Subject To High Point Loading

Primer	Prime the surface with Primebond or Primax .
Levelling (if required)	Level concrete slab with Level Floor Tuff .
Waterproofing (if required)	Waterproof with Liquid Flash 2 applied in two coats to a minimum of 1.5mm final dry film thickness.
Adhesive	Adhere tiles with Kemgrip Floor and Wall mixed with Elastacrete applied to AS 3958.1
Grout	Grout tiles with Kemgrout Sanded mixed with Primebond .
Movement Joints	Fill expansion joints with Sealflex .



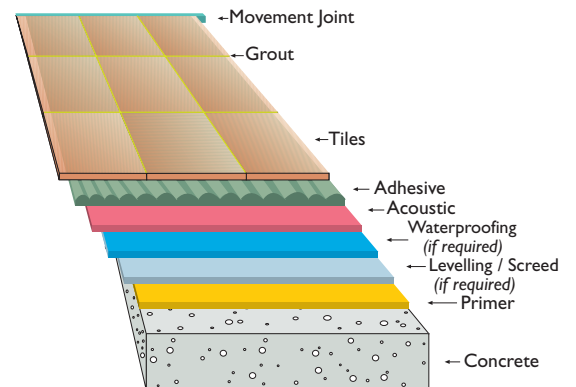
F5 Concrete Floors – Subject to High Movement/Temperature Fluctuation, Vibrations, Roofs, Balconies, Heated Floors

Primer	Prime with Primebond (internal) or Primax (external).
Levelling / Screed (if required)	Level floors with Level Floor . Screed to falls using Kemcrete mixed with mortar on a primed surface.
Waterproofing (if required)	Waterproof with Liquid Flash 2 applied in two coats to a minimum of 1.5mm final dry film thickness.
Adhesive	Adhere tiles with Kemflex or Monoflex applied to AS 3958.1
Grout	Grout tiles with Kemgrout Sanded mixed with Primebond .
Movement Joints	Fill expansion joints with Sealflex .



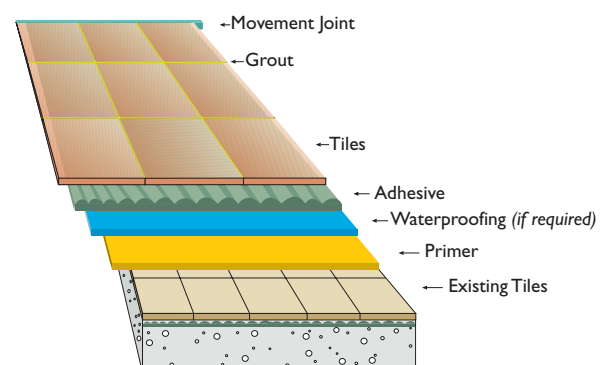
F6 Concrete Floors – Requiring an Acoustic Rating – Internal

Primer	Prime the surface with Primebond or Primax .
Screed (if required)	Screed to falls using Kemcrete mixed with mortar on a primed surface.
Waterproofing (if required)	Waterproof with Liquid Flash 2 applied in two coats to a minimum of 1.5mm final dry film thickness.
Acoustic	Apply Acoustiflor sound reduction membrane 6mm thick.
Adhesive	Fix tiles using Monoflex or Acoustibond using a minimum 15mm notched trowel.
Grout	Grout tiles with Kemgrout Sanded mixed with Primebond .
Movement Joints	Apply a foam tape filler to separate the tiles from the perimeter walls and fill joints with Colour Seal or Sealflex .



F7 Floor – Tiling Over Existing Tiles

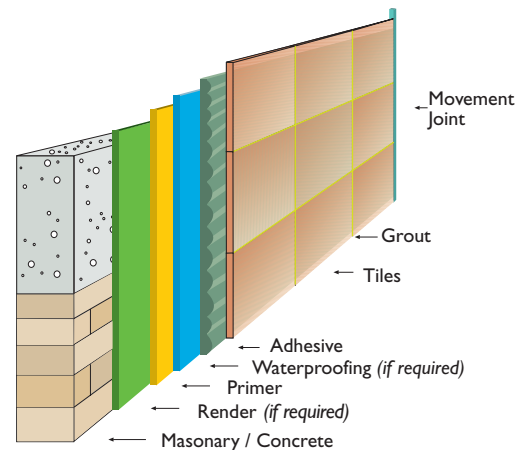
Primer	Prime the existing tiles with Primax (external) or Kembond (internal).
Waterproofing (if required)	Waterproof with Liquid Flash 2 applied in two coats to a minimum of 1.5mm final dry film thickness.
Adhesive	Adhere tiles with Kemflex , Monoflex or Kemgrip Floor and Wall with Elastacrete applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Sanded .
Movement Joints	Fill expansion joints with Sealflex .



Walls

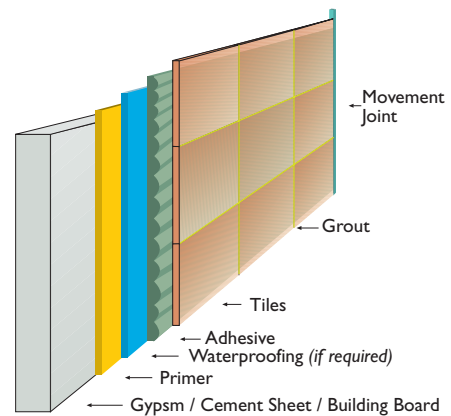
W1 Concrete / Cement Render / Masonry - Internal / External

Primer	Prime with Primebond or Primax .
Render (if required)	Level the substrate with a Kemcrete cement/sand mortar 10-15mm thick.
Waterproofing (if required)	Waterproof with Liquid Flash 2 or Hydrathane applied in two coats to a minimum of 1.5mm final dry film thickness.
Adhesive	Adhere tiles with Gripflex applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Flexible .
Expansion Joint	Fill expansion joints with Colour Seal or Sealflex .



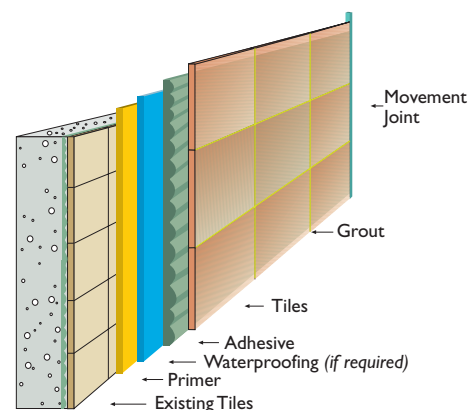
W2 Building Boards – Gypsum / Cement Sheet - Internal

Primer	Prime with Primebond (internal) or Primax (external).
Waterproofing (if required)	Waterproof with Liquid Flash 2 or Hydrathane applied in two coats to a minimum of 1.5mm final dry film thickness.
Adhesive	Adhere tiles with Gripflex or Tilematic applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Flexible .
Movement Joint	Fill expansion joints with Colour Seal or Sealflex .



W3 Over Existing Tiles

Primer	Prime with Kembond (internal) or Primax (external).
Waterproofing (if required)	Waterproof with Liquid Flash 2 or Hydrathane applied in two coats to a minimum of 1.5mm final dry film thickness.
Adhesive	Adhere tiles with Gripflex applied to AS 3958.1.
Grout	Grout tiles with Kemgrout Flexible .
Movement Joint	Fill expansion joints with Colour Seal or Sealflex .



Tiling to conform to AS 3958.1 and waterproofing AS 3740 and good trade practice.

Recommendations are the best for each application, but alternatives can be used where applicable (refer: Ceramic Tile Adhesive Selection Guide).

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 users sole responsibility to ensure suitability for a specific purpose.

For additional information contact the nearest office:

April 2018