

AQUA MOSAIC



Installation

Internal Tiling of In ground Concrete Swimming Pool (Shotcrete Concrete Shell)

1. Preparation

- Scrape Pool shell to remove loose material
- Concrete pool shell to thoroughly clean and dust free

- Skim coat concrete shell to fill voids with Mapegrout or Mapefil GP
If no render is required

2. Rendering of the Concrete shell-- if required.

2.1 Bonding of render to shell

2.1 a. Splash coat

Planicrete SP mixed at a ratio of approximately 1 to 1 with water and some neat cement added.

This is applied to concrete, allow to dry.

2.1 b. Slurry bond coat

Planicrete SP mixed at a ratio of approximately 1 to 1 with water and some neat cement added.

Applied to concrete shell and render attached while wet.

(The viscosity of this slurry or splash coat is a yoghurt type consistency)

2.2 Rendering of Shell

Washed sand and cement mixed at a ratio of 3 or 4 parts sand and 1 part cement mixed with Planicrete SP.

Planicrete SP to be mixed with water at a ratio of 4 parts water and 1 part Planicrete SP.

3. Tiling onto Render:

*** Note**

- A skim coat maybe required for translucent glass mosaics. This skim coat can consist of either Kerabond Plus with Isolastic 50 or Keraflex

3.a Adhesive Method for Glass Mosaics (Non - Mesh backed)

Keraflex or Keraflex Maxi S1 mixed with water

Keraquick mixed with water (recommended in winter time for floors and stairs)

Kerabond Plus with Isolastic 50

Adhesive mixed to the desired consistency and spread using the appropriate notched trowel.

4. Grouting:

4. a Keracolor FF mixed with Fugolastic. Fugolastic diluted with water at the ratio of 4 parts water and 1 part Fugolastic

4. b Ultracolour Plus preferred grout

4. b Kerapoxy

Colour to be selected and approved.

5. Flexible Sealant:

Mapesil AC

Pool grade silicone

Colour to be selected and approved.

Note:

- All materials to be used in accordance with Manufacturers specifications
- Mapei product data sheets can be located at www.mapei.com.au

Internal Tiling of Concrete Swimming Pool (Shotcrete Concrete Shell – Raised Shell or First Level and Above)

1. Preparation:

- Scrape Pool shell to remove loose material

- Concrete pool shell to thoroughly clean and dust free

- Skim coat concrete shell to fill voids with Mapegrout or Mapefil GP

2. Waterproofing: if no render is required the membrane should be a 3 coat application

Mapelastic Smart (2 component highly flexible cementitious membrane)

Apply 2 coats using a Brush, Roller or Trowel.

3. Rendering of the Waterproofed Concrete shell :

Bonding to the waterproofing

a. Splash coat

Planicrete SP mixed at a ratio of approximately 1 to 1 with water and some neat cement added.

This is applied to concrete, allow to dry.

b. Slurry bond coat

Planicrete SP mixed at a ratio of approximately 1 to 1 with water and some neat cement added.

Applied to concrete shell and render attached while wet.

(The viscosity of this slurry and splash coat is a yoghurt type consistency)

Rendering of Shell

Washed sand and cement mixed at a ratio of 3 or 4 parts sand and 1 part cement mixed with Planicrete SP.

Planicrete SP to be mixed with water at a ratio of 4 parts water and 1 part Planicrete SP.

4. Waterproofing:

Mapelastic Smart (2 component highly flexible cementitious membrane)

Apply 2 coats using a Brush, Roller or Trowel.

5. Tiling onto Waterproofing:

* Note - A skim coat maybe required for translucent glass mosaics. This skim coat can consist of:

Kerabond Plus with Isolastic 50

Or

Keraflex

a. Adhesive Method for Ceramic or Glass Mosaics (Non - Mesh backed)

Keraflex or Keraflex Maxi S1 mixed with water

Keraflex mixed with water

Kerabond Plus with Isolastic 50

Keraquick mixed with water (recommended in winter time for floors and stairs)

Adhesive mixed to the desired consistency and spread using the appropriate notched trowel.

6. Grouting:

a. Keracolor FF mixed with Fugolastic

Fugolastic diluted with water at the ratio of 4 parts water and 1 part Fugolastic

b. Ultracolour Plus preferred grout.

c. Kerapoxy

Colour of grout to be selected and approved.

7. Flexible Sealant:

Mapesil AC

Pool grade silicone colour to be selected and approved.

Note:

- All materials to be used in accordance with Manufacturers specifications
- Mapei product data sheets can be located at www.mapei.com.au