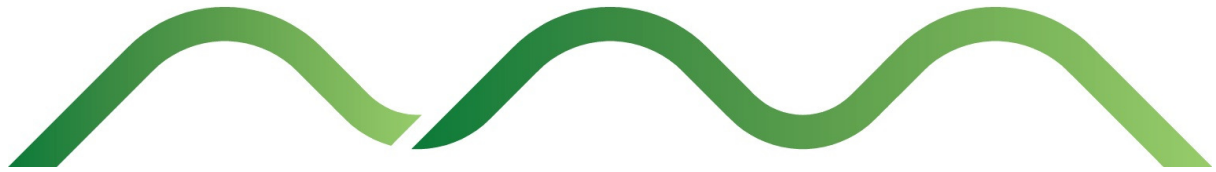


AQUA MOSAIC



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 Ultracolor 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

Mapelastc 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. *Ultracolor 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