

A scientifically formulated mixture of white cement, white marble and special additives. It is supplied in dry powder form for mixing on-site with clean water.

### **Purpose**

To provide a 6 mm thick smooth plaster which becomes a very hard integral part of the pool structure. It is applied directly to the gunite, hand-packed concrete shell or scratch coat plaster.

### **Application**

Recommended for the interior plastering of walls and floors of swimming pools. Not for use above the water level.

### **Types**

Available in standard and superior grades in a range of attractive colours.

### **Specifying**

Apply 6 mm of Cemcrete PoolCrete to clean, hard, rough cement surfaces and fill pool with water the next day. All in accordance with the manufacturer's instructions.

### **Site Work**

#### **Storage**

Can be stored in a dry shed off the floor for 3 months.

#### **Weather**

Do not apply when there is a risk of rain within 8 hours. The floor of the pool should be protected from frost/freezing until it is covered with water.

#### **Suitable Surfaces (very NB!)**

Gunite, hand-packed concrete or scratch-coat cement plaster. Must not contain blast furnace slag as this could cause mottling of the PoolCrete.

#### **Surface Preparation**

All surfaces should be true in plane, hard and slightly rough to form a mechanical key. Dirty surfaces, particularly on the floor, should be acid-washed and vigorously brushed and flushed with plenty of clean water. It is recommended for new or old pools to be slushed with a Flexbond and PoolCrete/PoolCrete Primer the day before application to help prevent slagment stains coming through the plaster.

#### **Mixing**

Mix PoolCrete with clean water (approximately 6 to 7 litres per 40 kg bag) to a stiff workable plaster mix. The mixed plaster must look almost too stiff. Do not add calcium chloride to coloured PoolCrete.

### **Application**

#### **New Pools**

Set up sun and wind barriers prior to the application of PoolCrete to avoid premature moisture loss and plaster shrinkage. Apply PoolCrete 6 mm thick with flexible rounded steel trowels. Allow to stiffen for approximately 30 minutes, depending on the weather, and re-trowel. When almost set, final trowelling should take place. Final trowelling should be done using a damp, clean trowel. To avoid streaking, do not splash or spray water onto the surface. Commence at the deep end, which should have no standing water. All plastering must be completed in one day to avoid 'dry' joints. All in accordance with the manufacturer's instructions.

#### **New Pools**

Applying 6 mm of PoolCrete on top of old pool plaster. The old plaster can either be completely removed back to the cement shell, or, if hard and firm, the surface can be chipped every 50 mm about 6 mm deep and 25 mm in diameter. After chipping the entire surface should be acid-washed using a solution of 1 part hydrochloric acid and 3 parts water followed by a vigorous wire brushing and flushing with clean water.

When the surface has been prepared as above, apply a slush coat comprising PoolCrete Primer in a solution of 1 volume FlexBond and 4 volumes water.

Mix slush well and stipple onto the old plaster using a block brush, soft carpet brush or broom. Allow slurry coat to harden overnight and apply PoolCrete in the normal way. If mixing is done on the bottom of the pool, care should be taken not to remove the slurry coat. Do not wet slurry coat before applying PoolCrete. All in accordance with the manufacturer's instructions.

#### **Curing**

Commence filling the pool from the deep end on the day following the day of application. Damp down exposed PoolCrete every hour to prevent premature drying. Protect the plaster from staining (particularly from mud splashes) until pool is filled. Do not introduce an automatic cleaner to the pool for 3 weeks. During this period use the pool brush only. See the detailed start-up guide.

#### **Coverage**

PoolCrete Primer = 1 m<sup>2</sup> / kg mixed slurry.

PoolCrete = approximately 2 m<sup>2</sup> per 40 kg bag.

#### **Packaging**

PoolCrete Primer: 20 kg non-returnable paper bags.

FlexBond: 1 litre, 5 litre, and 20 litre plastic drums.

PoolCrete: 40 kg non-returnable paper bags.

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Note: The information presented is intended guide only and is correct to the best of our knowledge at the time of publication. It should not be considered as a definitive approval for suitability for a particular purpose. Please contact the manufacturer, distributor or approved applicator for confirmation of suitability. Ancillary detailing recommendations are provided in good faith to assist in achieving final waterproof result. We accept no liability for those recommendations or those products performance in use.