

PoolCrete

Description

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 - 7mm thick smooth plaster which becomes a very hard integral part of the pool structure. It is applied directly to the gunitite, 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 6mm 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

Gunitite, 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.

Mixing

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

Technical Information

Cemcrete provides a free comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology.

Application

New pools

Apply PoolCrete 6mm 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. Wet plaster slightly while trowelling to avoid black trowel marks. The walls of the pool should be plastered first and then the floor. Commence at the deep end, which should have no standing water. All plastering must be completed in one day to avoid “dry” joints.

Old pools

Applying 6mm 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 hacked every 50mm about 6mm deep and 25mm in diameter. After hacking 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 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 for a day 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.

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. A detailed start-up guide is available from our Technical Department.

Coverage

Approximately 2m² per 40kg bag.

Packaging

Supplied in 40kg non-returnable paper bags.

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