

Pool Patching - underwater Datasheet

November 2017

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A quick-setting compound having a base of white cement and white marble, specially formulated to enable it to be taken underwater without disintegrating and later become rock hard.

Technical Data

Type	Cement/marble based compound
Colour	White. Can be mixed to PoolCrete colours upon request
Initial set	± 5 minutes depending on temperatures
Abrasive resistance	Abrasive resistant once set
Water temperature	6°C to 30°C
Min application thickness	3mm
Max application thickness	10mm
Density	1.3kg/lt
Protection during application	Protect from water movement or over working

Purpose

To enable the underwater patching of small holes in marble pool plaster pools.

Benefits

- Can be used under water.
- Rapid setting.

Limitations

- Should not be agitated whilst under water.
- Need to place it quickly.

Applications

Recommended for the patching of marble pool plaster where damage to the pool plaster in small areas has occurred.

Suitable Surfaces

Cement-based surfaces such as concrete, marble pool plaster and cement plaster.

Site Work

Storage

Store unopened containers for a maximum of 4 months after date of invoice.

Surface preparation

The area to be patched should be chipped through to the shell using a heavy, sharp, steel chisel, paying particular attention to achieving clean cut edges at 90° to the plane. Finally wire-brush the area to be patched to remove all loose material.

Mixing

Mix sufficient underwater **Pool Patching** powder on a clean surface with water to form stiff paste. If faster setting is necessary, warm water should be used for mixing. Mix only sufficient material for immediate use. Normal setting time approximately 5 minutes.

Cemcrete provides a comprehensive technical service based on over 4 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

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Application

Method 1 - Once the surface has been properly prepared, put sufficient mixed paste on the back of a small rounded trowel and, protecting it with a cupped hand, take underwater and trowel firmly into the hole/recess. Make as few passes with the trowel as possible and remove any excess material from the shoulders of the cavity on the existing pool plaster. Do not disturb for 24 hours.

Method 2 - Once the surface has been properly prepared, using a plastic bag that fits over one's hand like a glove grab hold of sufficient mixed paste and then pull the plastic bag over the paste so that the plastic bag is inverted and protects the paste when taken under water.

Now take the bag with the paste mix to the hole/recess to be filled, take the edge of the bag and pull it over one's hand again (glove like) and press the paste tightly into the hole/recess to be filled in a manner that it is flush with the surrounding surface.

Be cautious not to over work or agitate the paste mix excessively whilst under water to prevent it loosening up and dispersing into the water.

Coverage

A patch of 200mm x 200mm requires 1kg of underwater **Pool Patching**, or 1.5m²/40 kg.

Packaging

Supplied in 1kg and 5kg non-returnable plastic drums.

Manufacturer's Warranty

Cemcrete warrants that the products manufactured by it shall be free from material defects and will be consistent with its normal high quality. Should any of the products be proven defective, the liability to Cemcrete shall be limited to replacement of the product ex-factory. Cemcrete makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith.

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