

FlexBond continued...

ADDITIVE TO POOLCRETE TO PROMOTE COLOUR ENHANCEMENT

Addition of Flexbond to the mixing water of coloured Cemcrete PoolCrete will improve brightness and colour of the plaster. The addition of about 1 litre concentrated Flexbond per 40kg bag of PoolCrete is sufficient.

RE-PLASTERING OF SWIMMING POOLS

Empty pool. If algae is present, dilute 4 cups of chlorine into a 10 litre bucket of water and apply liberally to affected areas. Leave for 24 hours to kill spores then wire brush and flush off with clean water. Using a hammer and chisel or a bricklayers comb hammer, chip the old pool plaster or painted surface every 50 mm making holes about 25 mm by 25 mm and 4 mm deep. Sweep and remove all chips and dust from the pool. In a plastic bucket make a solution of 1 volume hydrochloric acid and 3 volumes water. Apply liberally to chipped surface using a block-brush or nylon bristle brush. Protect eyes and hands. Allow acid to act for about 10 minutes to visibly etch the surface then flush with clean water and wire brush all areas to remove loose material. Mix a pourable slurry comprising Cemcrete PoolCrete and a solution of 1 volume Flexbond and 4 volumes water. Mix slurry well and stipple onto the clean, chipped surface using either a blockbrush, soft carpet brush or broom. Endeavour to provide a mechanical key. Allow slurry coat to harden for a day and apply and finish the PoolCrete in accordance with its datasheet.

If mixing is done on the bottom of the pool, care should be taken not to remove the slurry coat. Fill pool the day following the day of application of the PoolCrete. During the filling process the un-submerged plaster should be lightly sprayed with water at hourly intervals. Do not introduce a mechanical cleaner to the pool for 3 weeks. During this period use the pool brush only. (See Pool Start-up Guide.)

THIN FLOOR SCREEDS

Chip and acid-wash floor surface using a solution of 1 volume hydrochloric acid and 2 volumes water. It is preferable to chip the entire floor. Do not use solvents to remove oil or grease. Damp clean surface for 30 minutes. Just ahead of screed layer brush on a slush/prime coat comprising 1 volume Portland cement, 1 volume plaster sand brought to a slurry consistency using a solution of 1 volume Flexbond and 1 volume water. Immediately after slushing lay screed mixed by volume as below:

Screed thickness	Portland cement	Plaster sand	River sand	Flexbond/water solution
0 - 5 mm	1	1	1	1 to 1
5 - 10 mm	1	1.5	1.5	1 to 1,5
10 - 20 mm	1	1	2	1 to 2

Fill deeper holes first using above table. Screed mix to be as dry as possible consistent with workability.

This type of screed is particularly suited for use in dairies and stables where slight acid resistance is required. Also suited for replacing woodblock flooring where traces of bitumen remain.

WATERPROOFING SHOWER FLOORS

Acid wash and flush the concrete. Make a slurry of Portland cement mixed with a solution of 1 volume Flexbond and 1 volume water. Dip strips of Cemcrete polypropylene membrane in the slurry and lay on the concrete. Use a brush dipped in the slurry to remove all air bubbles and creases. Overlap strips at least 75 mm. Bring the membrane up the walls at least 150 mm so that the wall tiles go on top. Allow membrane to dry for at least 1 hour, then brush on two further coats of the slurry containing Flexbond ensuring that the entire surface is coated. Lay the screed to falls. Use Flexbond in place of half the water when fixing mosaics. The floor mosaics should be fixed before the wall tiles.

UPGRADING CERAMIC TILE GROUTS

Imparts the following properties to tile grouts:

Reduced shrinkage

Better adhesion to tile shoulders

Waterproofs joints

Resistance to dirtying

Resistance to urine, dilute chemicals sugar solutions and lactic acid.

Improves flexibility of joints.

Use a solution of 1 volume Flexbond and 2 volumes water for mixing Cemcrete Tile Grout.

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.

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