



PROFLOR EMULSION

CONCRETE FLOOR PREPARATION & MORTAR/SCREED ADMIXTURE.



5L & 20L

APPLICATION:

As Part B of Cemix® Profloor Powder Part A or as a general purpose primer for all other cement based toppings: Dampen the concrete substrate avoiding water pooling. Thoroughly prime the surface with Cemix® Profloor Emulsion (Part B) brushed undiluted into the substrate. Do not allow the Cemix® Profloor Emulsion (Part B) to dry. Firmly push the combined Cemix® Profloor Part A and Part B into the surface or void to obtain a wet bond before the Cemix® Profloor Emulsion (Part B) dries. Application is from one side of the patch or floor to the other. Firmly compact the mortar by screeding or trowelling as required. Featheredge as required. Trowel finish as required. Apply product in layers for patching thicker than 10mm in depth. Roughen the preceding layer with Cemix® Profloor Emulsion (Part B) after it has hardened just prior to applying the next layer.

DESCRIPTION:

Cemix® Profloor Emulsion is a modified co-polymer latex specially designed to be used as part B of Cemix® Profloor trowel applied floor screed (Part A). Using this undiluted additive as a total water replacement while mixing Cemix® Profloor powder (Part A) increases strength, density and flexibility of the final screed.

TYPICAL APPLICATION/USES:

Using Cemix® Profloor Part B as a total water replacement will increase the strength, density and flexibility of the final screed. Cemix® Profloor Part B can also be used as a substrate primer for cementitious toppings.

ADVANTAGES:

- Increases strength, density and flexibility of the final screed.
- Increases bond strength between substrate and topping.

SUBSTRATE PREPARATION:

The substrate should be clean and free from dust, grease, wax, oil, dirt, loose plaster, laitance, curing compounds, paints and all other friable materials and contaminants likely to prevent bonding. New concrete should be left with a wood float finish and sufficiently aged for a minimum of 28 days. Shiny smooth surfaces on old concrete should be acid etched or scabbled. Cemix® cement screeds/floor substrates should be securely fastened and properly supported to eliminate any movement which may cause cracking.

MIXING:

As an additive to Cemix® Profloor powder (Part A): Mix whole containers of product. Mix Cemix® Profloor Emulsion (Part A) with Cemix® Profloor Powder (Part B). Add 4L of Cemix® Profloor Emulsion (Part A) to the mixer and then add product to the emulsion. Add the rest of the emulsion slowly whilst mixing until the desired consistency is achieved. The total maximum of Cemix® Profloor emulsion added is 5L for every 25kgs of Cemix® Profloor Powder (Part B) product. Mix thoroughly for 2 – 3 minutes using a drill and paddle or mechanical mortar mixer. Do not mix more product than can be mixed, placed and finished in 60 minutes.

As a tile grout & screed additive: Use as a total water replacement in most powder tile adhesives and grouts. At a ratio of approximately 1L of Cemix® Profloor Emulsion (Part B) to 5kg of powder, slowly add the powder to the Cemix® Profloor Emulsion (Part B) while mixing with a drill to achieve a lump free consistency, all as per manufacturer's directions. As an additive for screeds, mix 0.5L of Cemix® Profloor Emulsion (Part B) with 1kg cement and 3kg sand. 40kg of mixed materials will cover 1m² at a thickness of 25mm.

As a slurry coat:

Mix two parts of Cemix® Profloor Emulsion (Part B) with 3 parts cement.

CEMIX LTD
19 ALFRED STREET
ONEHUNGA 1061
AUCKLAND
NEW ZEALAND
0800 ASK CEMIX
WWW.CEMIX.CO.NZ



TECHNICAL DATA:

APPEARANCE:	White Liquid
APPLICATION TEMPERATURE:	5°C - 30°C
<i>The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.</i>	

PACKAGING:

5L & 20L

STORAGE & SHELF LIFE:

Cemix® Proflo Emulsion (Part B) has a shelf life of 12 months minimum when unopened in original containers. Store in a cool place away from direct sunlight.

CLEANING:

Clean all tools with water & brush immediately after use.

PRECAUTION:

Do not let Cemix® Proflo Emulsion (Part B) dry before obtaining a wet bond.

SAFETY:

Avoid repeated and prolonged skin contact. Wear safety glasses to minimize the risk of splashes getting into the eyes. Wear plastic or rubber gloves if there is a risk of prolonged or repeated skin contact. Natural ventilation should be adequate under normal conditions of use.

FIRST AID:

Irrigate eyes & skin with plenty of water & seek medical advice immediately. If ingested, rinse mouth with water. Do not induce vomiting.

SPILLS AND LEAKS:

Keep out of sewers & storm water drains & dispose of any leftover material as trade waste in accordance with local authority guidelines.

DISCLAIMER:

Recommendations & advice regarding the use of this product are to be taken as a guide only. Other than as appears on this products packaging, CEMIX® LTD does not give any warranty express or implied as to the suitability of this product for your particular use, because the usage of this product is beyond the control of CEMIX® LTD. If you need advice concerning the use of suitability of this product for your particular application, please contact CEMIX® LTD first.

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