



# PROFLOR PART A

## CONCRETE FLOOR PREPARATION & PATCHING MORTAR (TO BE MIXED WITH CEMIX® PROFLOR EMULSION)



**25kg**

### APPLICATION:

Dampen the concrete substrate avoiding water ponding. Thoroughly prime the surface with Cemix® ProfloL Emulsion brushed undiluted into the substrate. Do not allow the Cemix® ProfloL Emulsion to dry. Firmly push the combined Cemix® ProfloL Part A and Cemix® ProfloL Emulsion Part B into the surface or void to obtain a wet bond before the emulsion dries. Application is from one side of the patch or floor to the other. Firmly compact the mortar by screeding or trowelling as required. Feather edge as required. Trowel finish as required. Apply product in layers for patching thicker than 10mm in depth. Roughen the preceding layer prior to it hardening; then dampen and prime the preceding layer with Cemix® ProfloL Emulsion after it has hardened just prior to applying the next layer.

### DESCRIPTION:

Cemix® ProfloL is a two part concrete floor preparation product designed for leveling and patching concrete floors prior to overlaying with carpets, tiles, vinyl or timber. It is trowelled into place at thicknesses up to 10mm and can be feather edged.

### TYPICAL APPLICATION/USES:

- Concrete floor leveling & patching preparation prior to overlaying, tiles, carpets, vinyl or timber.

### ADVANTAGES:

- Up to 10mm application depths
- Can be feather edged
- Good bond strength
- Durable

### SUBSTRATE PREPARATION:

The substrate should be free of dust, grease, wax, oil, dirt, loose plaster, laitance, curing compounds, paint 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 levelers must be allowed to cure for a minimum of 7 days. All substrates should be securely fastened and properly supported to eliminate any movement, which may cause cracking.

### MOVEMENT / CONTROL JOINTS:

Honor any control joints in the concrete substrate – do not apply product over control joints

### MIXING:

Mix whole containers of product. Mix Cemix® ProfloL Emulsion with Cemix® ProfloL. Add 4L of emulsion to mixer & then add product to emulsion. Add rest of emulsion slowly whilst mixing until the desired consistency is achieved. Maximum total emulsion is 5L per 25kg of product. Mix thoroughly for 2 - 3 minutes using a drill & paddle or mechanical mortar mixer. Do not mix more product than can be mixed, placed & finished in 60 minutes.

### CURING:

Ideally cure the product thoroughly after it has set by keeping it wet & covered for at least 3 days. Avoid product freezing for at least 3 days. Foot traffic should be possible within 24 hours. Over coating is possible when dry, usually after 3 - 7 days. Wait at least 7 days or more for moisture sensitive coatings.

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**TECHNICAL DATA:**

<b>APPEARANCE:</b>	Grey Cementitious
<b>APPLICATION TEMP:</b>	5°C - 30°C
<b>STRENGTH:</b>	25MPa @ 28 days.
<b>BOND STRENGTH:</b>	>3MPa
<b>THERMAL COEFF OF EXP:</b>	9.0 x 10 <sup>-6</sup> mm/mm/ °C
<b>WORKING TIME:</b>	60 Minutes @ 20°C
<i>The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.</i>	

**COVERAGE:**

Approximately 14.5L or 0.0145m<sup>3</sup> per 25kg bag.

**TWO PART** – Mix 5L of Cemix® Proflor Emulsion Part B with every 25kg of Cemix® Proflor Part A

**PACKAGING:**

Cemix® Proflor Part A is available in 25kg bags.

**STORAGE & SHELF LIFE:**

Can be stored in its original packaging in a dry place well sealed for a period of Twelve (12) months after production. Do not store opened bags.

**CLEANING:**

Clean all tools with water & brush immediately after use.

**LIMITATIONS:**

- Cemix® Proflor is not a self-leveling mortar.
- Substrate Temperature - +5°C min. / +25°C max.
- Ambient Temperature - +5°C min. / +25°C max.

**SAFETY:**

Avoid contact with eyes & skin, both from wet & dry mix. Do not breathe in dust. Wear suitable protective clothing, gloves, eye protection & barrier cream. Wear a suitable dust mask. Wash thoroughly after handling & store any leftover material properly.

**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:**

Please Note: Recommendations and 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. If this product is defective because of Cemix® LTD's fault, please contact the supplier or Cemix® LTD. who will replace it at no cost.

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