



# CEMSCREED

## FOR TOPPINGS AND SCREEDS ON CONCRETE SLABS

AVAILABLE SIZE: 20kg



SCAN FOR  
DETAILS



STRENGTH  
at 28 days

**NOTE:** Due to updates in progress, packaging may vary.

### DESCRIPTION:

CEMIX® CEMSCREED is a floor topping and screed. It is a blend of specifically selected and graded micro silica sand, pea metal aggregate and cement, designed to improve workability.

### TYPICAL USES:

CEMIX® CEMSCREED can be used for toppings and screeds on concrete slabs, and for shower and bath bases. Suitable for interior and exterior use.

### ADVANTAGES:

- Easy to place and shape
- High compressive strength offers increased resistance to abrasion
- High early strength

### YIELD:

Approximate yield per 20kg bag: 0.01m<sup>3</sup>

### 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 as per manufacturer's recommendations.

Smooth surfaces on new and old concrete should be scabbled.

All substrates should be structurally sound, securely fastened and properly supported to eliminate any movement that may cause cracking.

It is recommended to prime the surface with a CEMIX® bonding agent before the application of CEMIX® CEMSCREED.

### SUBSTRATE TEST:

The concrete substrate must be absorbent or porous. Test this by sprinkling water on the surface. If the water readily soaks into the concrete, the surface is suitable for application. If the water beads on the surface, the concrete is not suitable for application and any previous coatings need to be removed.

### MIXING:

1. Add clean water to a mixing container. Use approximately 112ml of water per kg of product.
2. Add CEMIX® CEMSCREED slowly to the water, mixing constantly with a mixing paddle, until a smooth consistency is achieved.

**Note:** Use no more than 120ml of water per kg of product. Only mix as much product as can be used within 20 minutes. Do not aerate the mixture by stirring over vigorously or for too long.

### APPLICATION:

1. Pour the mixture onto the surface.
2. Apply the product to a minimum depth of 10mm & a maximum depth of 50mm.
3. Compact, screed & trowel finish the final surface as required.
4. Apply the product in layers for thicker repairs.
5. Ensure each preceding layer is rough prior to hardening and prime each preceding layer after hardening.

**Note:** Honour any expansion and control joints.



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### DRYING & CURING:

Drying and curing time depends on the substrate, substrate condition, climate, the type of application and the materials being applied. Allow a minimum of 7 days at 20 °C, before commencing further work or trafficking.

### CLEANING:

Clean tools with water immediately after use. If material becomes set on tools, remove using CEMIX® CONCRETE DISSOLVER.

### STORAGE & SHELF LIFE:

Up to 6 months when stored in the original, unopened packaging, in a dry place at 23 °C and 50% relative humidity.

### TECHNICAL DATA:

STRENGTH :	40MPa at 28 days
APPEARANCE :	Sand / Cement Grey
APPLICATION TEMP. :	5 °C - 30 °C
BOND STRENGTH :	>3MPa
THERMAL COEFF. OF EXP. :	9.0 x 10 <sup>-6</sup> mm/mm/°C
WORKING TIME :	45mins at 25 °C

*The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.*

### LIMITATIONS:

Not to be used on timber flooring.

If your project requires Building Consent, please email [info@cemix.co.nz](mailto:info@cemix.co.nz) about the suitability of this product before use.

**Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.**

**DANGER**



### HAZARD STATEMENTS:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause cancer. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

### SAFETY INSTRUCTIONS:

Obtain special instructions before use. Do not breathe dust/fume. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

### RESPONSE:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Call a POISON CENTER/doctor/physician/first aider. Immediately call a POISON CENTER/doctor/physician/first aider. Specific treatment (see advice on this label). IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

### INGREDIENTS:

Silica crystalline - quartz, CAS: 14808-60-7, 30-60%  
Portland cement, CAS: 65997-15-1, 10-30%  
Silica, fumes, CAS: 69012-64-2, 1-10%  
Ingredients determined not to be hazardous, CAS: NA, balance

### CEMIX® PRODUCTS LTD

19 ALFRED STREET ONEHUNGA 1061  
AUCKLAND NEW ZEALAND  
0800 ASK CEMIX | +64 09 636 1000  
WWW.CEMIX.CO.NZ



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**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 product’s packaging, CEMIX® PRODUCTS LTD does not give any warranty expressed or implied as to suitability for any particular use. For all advice concerning the use or suitability of this product for a particular application, please contact CEMIX® PRODUCTS LTD. If this product is defective, please contact the merchant the material was purchased from or CEMIX® PRODUCTS LTD, who will refund or replace it at no cost, in accordance with the requirements of the Consumer Guarantees Act.

**PLEASE REFER TO THE DATASHEET AT WWW.CEMIX.CO.NZ FOR FURTHER INFORMATION AND INSTRUCTIONS.**



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19 ALFRED STREET ONEHUNGA 1061  
AUCKLAND NEW ZEALAND  
0800 ASK CEMIX | +64 09 636 1000  
WWW.CEMIX.CO.NZ



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