



MORE THAN CONCRETE



# CEMKEY CONCENTRATE

## BONDING AGENT FOR PORTLAND CEMENT MIXES

AVAILABLE SIZES: 1L | 5L | 20L



WORK TIME



STRENGTH AT 28 DAYS



SCAN FOR DETAILS

### DESCRIPTION:

CEMIX® CEMKEY CONCENTRATE allows the laying of new concrete screeds and renders, without the need to mechanically roughen the existing surface to obtain a bond.

### TYPICAL APPLICATION/USES:

CEMIX® CEMKEY CONCENTRATE is used for bonding Portland cement screeds, and renders to brick, concrete and concrete masonry without any need to hack the surface to obtain a bond. May be used on new or old surfaces. CEMIX® CEMKEY CONCENTRATE can also be added to the mixing water to improve resistance to trace acids and alkali, as well as reducing surface dusting.

### ADVANTAGES:

- No mechanical key required to obtain a bond
- Can be used for new work or repair work
- Will adhere to most sound surfaces
- Faster application of screeds and renders
- Resists trace acids and alkali

### SUBSTRATE PREPARATION:

Ensure the substrate to be treated is structurally sound and free from oil, grease, paint and dirt which may interfere with the bond of the material. & condition the better the end result.

### MIXING

#### As a bonding agent:

Dilute 1 volume of CEMIX® CEMKEY CONCENTRATE with 1 volume of clean water.

#### For use with mixing water:

Dilute 1 volume of CEMIX® CEMKEY CONCENTRATE with 5 volumes of clean water, e.g. 3L of CEMIX® CEMKEY CONCENTRATE to 15L

of water per 40kg bag of Portland cement.

### APPLICATION

#### For use with mixing water:

Dilute CEMIX® CEMKEY CONCENTRATE with 5 volumes of water as per the mixing instructions and use the solution as a total mixing liquid. Dry mix materials required. Add CEMIX® CEMKEY CONCENTRATE solution and follow normal mixing and placing routine. Curing is essential to ensure that the screed or render reaches full strength, and this operation should be carried out as soon as the surface will allow.

#### Note:

Floor screeds should have a minimum thickness of three times the diameter of the largest aggregate contained in the screed and should be correctly designed to withstand the workload to which they will be subjected. To increase the resistance of the screed or render to trace acids or alkali, use CEMIX® CEMKEY CONCENTRATE diluted at the rate of 1 volume CEMIX® CEMKEY CONCENTRATE to 2 volumes of clean water. Clean all tools in fresh water before material hardens or dries.

### APPLICATION CONT'D:

Bonding agent for Portland cement screeds and renders: Dilute CEMIX® CEMKEY CONCENTRATE with equal volume of water. Apply CEMIX® CEMKEY CONCENTRATE solution with a stiff brush, broom or squeegee, ensuring that the continuous coating covers the surface, without pools or puddling on horizontal surfaces. Two coats may be necessary. Allow the CEMIX® CEMKEY CONCENTRATE coating to become tacky before laying the screed or render.

### AGITATION:

Agitate product thoroughly before use.



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## COVERAGE

**Primer:** 8m<sup>2</sup>/L - 12m<sup>2</sup>/L . Coverage is dependent on the roughness and porosity of the existing surface.

## STORAGE & SHELF LIFE:

CEMIX® CEMKEY CONCENTRATE can be stored for Twelve (12) months in original, unopened containers when stored in dry conditions between +50C and +300C. Keep containers closed in a well ventilated area when not in use. Do not expose to direct sunlight in storage.

## SCAN QR CODE FOR MORE PRODUCT INFORMATION



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

## DANGER



## HAZARD STATEMENT(S):

- May be harmful if swallowed
- Causes skin irritation
- Causes serious eye irritation
- May damage fertility or the unborn child
- Very toxic to aquatic life with long lasting effects

## SAFETY INSTRUCTIONS:

- Obtain special instructions before use
- Use personal protective equipment as required
- Avoid release to the environment
- Wear protective gloves/protective clothing/eye protection/face protection

## INGREDIENTS:

Dibutyl phthalate, CAS: 84-74-2, 50-60%  
Water, CAS: 7732-18-5, 40-50%

## 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 express or implied as to its suitability for any particular use. For all advice concerning the use of, 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 in accordance with the requirements of the Consumer Guarantees Act.

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