

## SPECIFICATION DATA SHEET

# CEMKEY CONCENTRATE

BONDING AGENT FOR PORTLAND CEMENT MIXES



### USES:

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. CEMKEY CONCENTRATE can also be added to the mixing water to improve resistance to trace acids and alkali, as well as reducing surface dusting.

### DESCRIPTION:

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

### 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.

### COVERAGE:

Primer: 8m<sup>2</sup> to 12m<sup>2</sup> per litre. Coverage is dependent on the roughness and porosity of the existing surface.

### MIXING:

Used as a bonding agent: Dilute 1 volume of CEMKEY CONCENTRATE with 1 volume of clean water.

For use with mixing water: Dilute 1 volume of CEMKEY CONCENTRATE with 5 volumes of clean water, e.g. 3 litres of CEMKEY CONCENTRATE to 15 litres of water per 40kg bag of Portland cement.

### APPLICATION:

AS A BONDING AGENT FOR PORTLAND CEMENT SCREEDS & RENDERS:

1. Surface to be treated must be structurally sound, free from oil, grease, paint and dirt, which may interfere with the bond of the material.
2. Dilute CEMKEY CONCENTRATE with equal volume of water.
3. Apply CEMKEY CONCENTRATE solution with stiff brush, broom or squeegee, ensuring that the continuous coating covers the surface, without pools or puddling on horizontal surfaces. For very dry or porous surfaces 2 coats may be necessary.
4. Allow the CEMKEY CONCENTRATE coating to become tacky before laying the screed or render.

### FOR USE WITH MIXING WATER:

1. Dilute CEMKEY CONCENTRATE with 6 volumes of water as per mixing instructions and use the solution as a total mixing liquid.
2. Dry mix materials required.
3. Add CEMKEY CONCENTRATE solution and follow normal mixing and placing routine.
4. 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.

THOROUGHLY AGITATE CONTENTS BEFORE USE

### NOTE:

Floor screeds should have a minimum thickness of 38mm 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 CEMKEY CONCENTRATE diluted at the rate of 1 volume CEMKEY CONCENTRATE to 2 volumes of clean water. Clean all tools in fresh water before material hardens or dries.

### PACKAGING:

CEMKEY CONCENTRATE is packed in 1 litre, 2.5 litre and 5 litre bottles, 20 litre jerry can or plastic pails and 210 litre drums.

### CAUTIONS:

CEMKEY CONCENTRATE is not a waterproof material, nor is it suitable for use under conditions where continuous water is present.

### 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.