

# UNISEAL 2K

## *2 component flexible cement based waterproof coating*

### Description :

UNISEAL 2K is used as a flexible waterproofing coating resistant to moisture and abrasion with superior crack-bridging capabilities on new or old concrete structures , basement walls, water tanks, balconies and swimming pools.

### Instructions for use :

All substrates should be free of loose particles, grease, oil etc...

The outside temperature should be between 5 degC and 35 degC.

Cement plasters should be perfectly adhered to the concrete substrate.

Cracks and voids should be widened and filled with UNISEAL REP.

Substrates should be pre-wetted with water before the application of UNISEAL.

Each 10 Kgs UNISEAL 2K-A powder should be mixed with 4 kgs UNISEAL 2K-B liquid in a clean container till it becomes a homogeneous paste.

It is preferable to pour the UNISEAL 2K-B liquid into the container first then add the UNISEAL 2K-A powder. Also it is advisable to use an electrical drill to get consistent mixing.

The UNISEAL paste should be left to stand for about 5 minutes then stirred again and applied on the substrate with a brush or trowel in 1 or 2 coats. Time between re-coat to be between 1.5 and 3 hours depending on climate conditions.

### Technical data:

- **Color** : Grey (UNISEAL 2K-A powder part) , White (UNISEAL 2K-B liquid part)
- **Potlife** of the UNISEAL paste: approx. 1 hr at normal ambient temperature.
- **Coverage** : approx. 3 Kgs powder per square meter depending on the type of substrate.
- **Tensile Strength** of the hardened coating after 28 days : 4.20 N/mm<sup>2</sup>
- **Elongation** : 115%
- **Crack bridging** : 2.60mm
- **Water permeability** : Nil at 5 bar
- **Packing** : 10 Kgs powder bags / 4kgs liquid gallons
- **Storage** : At least 12 months in a dry place in the sealed original packing.