

# UNISEAL 1K

## *1 component rigid cement based waterproof coating*

### Description :

UNISEAL 1K is used as a waterproofing coating for positive and negative pressure waterproofing on new or old concrete structures , basement walls, and water tanks.

### 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 1K powder should be mixed with about 3 kgs clean water in a clean container till it becomes a homogeneous paste.

It is preferable to pour the water into the container first then add the UNISEAL 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.

### Technical data:

- **Color** : Grey
- **Potlife** of the UNISEAL paste: approx. 2 hrs at normal ambient temperature.
- **Coverage** : approx. 3 Kgs powder per square meter depending on the type of substrate.
- **Compressive Strength** of the hardened coating after 28 days : 15 N/mm<sup>2</sup>
- **Packing** : 10 Kgs bags
- **Storage** : At least 12 months in a dry place in the sealed original packing.