

# NEocreTE WP 25

## Integral Waterproofing Powder Additive for Concrete and Mortar

### Description

**NeocreTE WP 25** powder is a fine, white powder ready for use with concrete or cement mortar mixes. **NeocreTE WP 25** powder is a traditional admixture to fill natural pores within the concrete or mortar matrix to reduce porosity and improve water tightness.

### Uses

To reduce permeability of concrete and sand/cement mortar for use in basements, roof slabs and screeds, water retaining structures, external plastering, bathrooms and balconies.

### Advantages

- ✓ Easy to use – Simple application familiar to site operations.
- ✓ High quality – Traditional waterproofing material manufactured to the latest standards.
- ✓ Workability – Improves workability.

### Standard Compliance

**NeocreTE WP 25** powder conforms to IS 2645:2003 and is certified by the Bureau of Indian Standards.

### Properties

Chloride content	As per IS 2645:2003
Compatibility with water	Can be used with all cements including Pozzolonic cements
Permeability to water	Has very low permeability when compared to the reference sample without waterproofer
Setting time	<b>NeocreTE WP 25</b> powder conforms to IS 2645:2003 for initial and final set of concrete
Compressive strength	<b>NeocreTE WP 25</b> powder has no particular effect on the compressive strength of concrete or sand/cement mortar

### Technical Support

CCI offers a comprehensive range of high-performance, high-quality concrete repair and construction products. In addition, CCI offers technical support service to specifiers, end-users and contractors, as well as on-site technical assistance in locations all over the country.

### Where to use

**Mortar – NeocreTE WP 25** powder is suitable for use with sand/cement mortars where it is required to reduce permeability. It can also be used in external plastering of roof and balcony screeds, plastering of basements and tanks, external masonry walls.

**Concrete – NeocreTE WP 25** powder is recommended for use with concrete mixes where it is required to reduce permeability.

**Note:** Where water bleeding or segregation proves difficult to overcome, or in mass pours where maximum economy and efficiency of compaction and water tightness is essential.

### Application Instructions

#### Dosage

With normal concrete and sand/cement mortar mixes, use 25 grams of **NeocreTE WP 25** powder for every 50 kg bag of cement.

#### Hand mixing

1. Measure out the required quantity of sand/aggregate followed by the cement.
2. Sprinkle the correct quantity of **NeocreTE WP 25** powder evenly over the cement.
3. Mix the dry materials until an even colour is obtained.
4. Add the normal measured quantity of water and mix as usual.

#### Machine mixing

1. Add the measured quantity of sand/aggregate into the drum and mix continuously.

2. Add the cement and sprinkle-in-the correct quantity of **Neocrete WP 25** at the same time.
3. Mix the dry materials for at least 2 minutes.
4. Add the normal measured quantity of water and mix to completion.

### Packaging

**Neocrete WP 25** powder is supplied in 25 g and 100 g pouches.

### Shelf life & Storage

**Neocrete WP 25** powder has a minimum shelf life of 12 months in unopened packs when stored under normal warehouse conditions.

### Precautions

**Neocrete WP 25** powder is non-toxic and is not flammable. Use of gloves is recommended when handling **Neocrete WP 25** powder. If accidental contact with the eyes occurs, wash well with water and seek immediate medical advice.

### Safety

Before use, refer to the Material Safety Data Sheet (MSDS). The MSDS is available on [www.ccichemicals.in](http://www.ccichemicals.in) or contact us at [info@ccichemicals.in](mailto:info@ccichemicals.in).

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