

Trowelite WP

Integral liquid waterproofing admixture for mortars



Description

Trowelite WP is a liquid waterproofing admixture formulated from selected polymers designed to reduce the permeability in cement based mortars and screeds. Trowelite WP blocks the natural pores in the mix and imparts hydrophobic properties which reduce water permeability.

Applications

Trowelite WP is waterproofing admixture for use in all cement based mortars, and screeds. Trowelite WP improves the cohesion and workability of mortar mixes.

Advantages

- ▲ Improves durability by minimizing penetration of moisture and water dissolved salts.
- ▲ Improves workability and the cohesion of mortar mixes by entraining microscopic air bubbles that work as lubricant.
- ▲ Reduces efflorescence and pigment leaching from cement mortars.
- ▲ Chloride free.

Compatibility

Trowelite WP can be used with all types of Portland cement and cement replacement materials. Trowelite WP is compatible with other DCP admixtures used in the same mortar mix. If more than one type of admixture is to be used in mortar mix, they must be added to the mortar separately.

Method of Use

Trowelite WP recommended dosage should be added to the gauging water, a proper mixing should be done from time to time to be sure that Trowelite WP is distributed on the gauging water.

Dosage

The guidance dosage of Trowelite WP is 1.0 - 1.4 litre/20 litre of mixing water in the mix.

Representative trials should be conducted to determine the optimum dosage of Trowelite WP to meet the performance requirements by using the materials and conditions in actual use.

Technical Properties @ 25°C:

Colour:	Pink liquid
Specific gravity:	1.04 ± 0.01
Freezing point:	≈ 0°C
Chloride content: BS5075	Nil

Effects of Over Dosage

Overdosing of Trowelite WP will increase air entrainment which may cause a reduction in the compressive strength.

Cleaning

Trowelite WP can be washed with fresh cold water.

Packaging

Trowelite WP is available in 25 litre pails, 210 litre drums and 1000 litre bulks supply.

Storage

Trowelite WP has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 50°C.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Cautions

Health and Safety

Trowelite WP is not classified as hazardous material. Trowelite WP should not come into contact with skin and eyes.

In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

For further information refer to the Material Safety Data Sheet.

Fire

Trowelite WP is nonflammable.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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