

Trowelite

Mortar plasticiser



Description

Trowelite is a mortar admixture that improves the workability, cohesion and improves resistance to freeze/thaw cycles, by entraining a controlled quantity of air to the mortar mix.

Applications

Trowelite is recommended for sand cement mortars to improve workability, surface finish and freeze/thaw cycle resistance properties.

Advantages

- ▲ Improving mortar plasticity.
- ▲ Reducing permeability.
- ▲ Chloride free, safe for embedded steel.
- ▲ Compatible with most types of Portland cement.
- ▲ Improves frost resistance.
- ▲ Can be used to replace lime.
- ▲ Improves bond strength.
- ▲ Strength increase through water reduction.

Compatibility

Trowelite is compatible with most types of DCP admixtures. Contact DCP Technical Department for further details.

Standards

Trowelite complies with BS 4887: Mortar Plasticisers and EN 934-3.

Method of Use

Trowelite may be added either direct to an individual mix or to the gauging water, depending upon site convenience.

- ▲ Use between 100 ml and 300 ml of Trowelite per 50 kg of cement. Fine sand will require least and harsh sand most. Site trials will best determine the practical rate of addition in each case.
- ▲ Measure the total required quantity of Trowelite and stir into the first bucket of gauging water.
- ▲ After dry mixing of mortar (sand/cement) in normal way add Trowelite/water mixture and start wet mixing.

Technical Properties @ 25°C:

Colour:	Light brown liquid
Specific gravity:	1.01 ± 0.02
Setting time:	No effect on mortar setting time
Chloride content: BS 5075	Nil

Lime Mixes

Lime, which is usually added to a sand/cement mix to impart rheology and plasticity, can be completely omitted and Trowelite used to replace it with economic benefits.

Dosage

Trowelite is supplied in liquid form and should be added directly to the mortar mix at the rate of 100 - 300 ml per 50 kg of cement, depending upon sand used and consistency required.

Cleaning

Trowelite can be cleaned with water.

Packaging

Trowelite is available in 5, 20, 50 and 100 litre containers.

Storage

Trowelite has a shelf life of 12 months from date of manufacture if stored at temperatures below 50°C.

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

Cautions

Health and Safety

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

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

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For further information refer to the Material Safety Data Sheet.

Fire

Trowelite is nonflammable.

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- ▲ Surface treatments
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- ▲ Sealants.
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- ▲ 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.

