

Trowelite RS

Mortar retarder admixture for ready-to-use application



Description

Trowelite RS is formulated from selected polymers specially designed to work as a mortar retarder admixture that extends the workability retention for long time up to 72 hours. However, when the mortar is placed between absorbent masonry units or spread on the surface as in the plastering application, setting is accelerated and the mortar sets normally.

Applications

Trowelite RS is recommended for sand cement mortars to extend workability retention up to 72 hours, this property facilitate the provision of mortar to building sites by readymix suppliers.

Advantages

- ▲ Extending mortar workability retention up to 72 hours.
- ▲ Strength increase through water reduction.
- ▲ Quality assured control of mix proportions through the readymix supply.
- ▲ Eliminates the need for mixers and storage of materials on site.
- ▲ Compatible with most types of cement.
- ▲ Increased workability.
- ▲ Chloride free.

Compatibility

Trowelite RS can be used with most types of DCP admixtures. Contact DCP technical department for further details.

Standards

Trowelite RS complies with EN 934-3, T.3, as long term retarding admixture for masonry mortar.

Method of Use

Trowelite RS should be added to mortar with the mixing water to achieve optimum performance. An automatic dispenser should be used to dispense the correct quantity of Trowelite RS to the mortar mix.

Technical Properties @ 25°C:

Colour:	Brown
Freezing point:	-5°C
Specific gravity:	1.20 ± 0.02
Chloride content: BS 5075	Nil

Dosage

The guidance dosage of Trowelite RS is 0.2% - 1.2% of cement weight.

When lime is used in the mortar, Trowelite RS should be dosed on the total amount at lime and cement in the mix.

Based on trials experience you can keep the mortar workable for more than 6 - 8 hours when you use Trowelite RS at 0.2% dosage and for more than 3 days when using dosage of 1.2%. However representative trials at laboratory should be conducted to determine the optimum dosage of Trowelite RS to meet the performance requirements by using the materials and conditions in actual use.

Cleaning

Trowelite RS can be washed with fresh cold water.

Packaging

Trowelite RS is available in 210 litre drums and 1000 litre bulks supply.

Storage

Trowelite RS has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C to 40°C.

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

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Cautions

Health and Safety

Trowelite RS is not classified as hazardous material. Trowelite RS 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 P is nonflammable.


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