



SpEC Liquid Mortar Plasticiser

RESIN BASED AIR ENTRAINING ADMIXTURE

DESCRIPTION

SpEC Liquid Mortar Plasticiser is a resin based air entraining admixture which improves workability of sand/cement mortars.

SpEC Liquid Mortar Plasticiser produces microscopic air bubbles which make the mortar easier to work and spread. It also interrupts the formation of capillary channels thus reducing the permeability of mortar.

TYPICAL USES

SpEC Liquid Mortar Plasticiser is used to produce mortars to plaster work, blockwork or brickwork in situation such as, but not limited to:

- To improve consistency and workability of mixes where poorly graded sand is used
- To produce mortars that resist freeze and thaw cycles.

ADVANTAGES

- Prevents premature stiffening of mortar mixes
- Reduces bleeding and segregation
- Improves resistance to drying shrinkage
- Improves adhesion
- Reduces water/cement ratio
- Improves durability, weather resistance and workability
- Eliminates the need for lime in the mix
- Can be used with coloured mortars

RELEVANT STANDARDS

SpEC Liquid Mortar Plasticiser complies with BS 4887

TECHNICAL DATA

Form	Light brown liquid
Specific gravity	1.01
Chloride content	Nil

APPLICATION

SpEC Liquid Mortar Plasticiser may be used in two ways: pre-mixed with water then added to the mixer or poured in the mixing drum at the same time as the gauging water.

The optimum dosage should be determined by trials using the actual materials and reproducing as much as possible actual site conditions. As a guide, the recommended dosage is between 140 and 280ml of **SpEC Liquid Mortar Plasticiser** per 50kg cement.

EQUIPMENT CLEANING

Tools and equipment should be cleaned with water immediately after use.

APPLICATION TEMPERATURE RANGE

5°C TO 40°C

PACKAGING & YIELD

SpEC Liquid Mortar Plasticiser is supplied in 25 litre pails and 200 litre drums.

STORAGE AND SHELF LIFE

SpEC Liquid Mortar Plasticiser has a shelf life of 12 months when stored in sealed containers in cool and dry condition.

HEALTH AND SAFETY

Adequate precautions should be taken to prevent eye and skin contact.

Use of gloves and goggles during application is recommended.

Skin contamination shall be washed immediately with soap and water. Eye contamination shall be washed immediately with copious amounts of clean water followed by medical attention.

FLASHPOINT

Not applicable.

Other SpEC Admixture Products:

- **SpEC Integral Liquid Waterproofer** - Liquid Waterproofing Admixture for Concrete and Mortars.
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