

Sopra Plast Mortar

Mortar Plasticizer

Description

Sopra Plast Mortar is supplied as a brown liquid. It is based on a chloride - free polymerised resin providing excellent plasticity to mortar.

Uses

- * Extended workability mortar.
- * Lime replacement in masonry applications.
- * Bricklaying and plastering mortars.

Advantages

- * Compatible with all types of cement and cements containing clinker, blast furnace slag or micro silica.
- * Improves weather resistance and durability.
- * Prevents bleeding and segregation.
- * Prevents failure due to unsound lime.
- * Compatible with most other Sopra admixtures.

Standards Compliance

BS 4887.

Packaging

20 litre pails or 210 litre drums.

Storage

12 months storage life when stored in original containers at between 2 and 35 °C in a shaded place.

Properties

Appearance	Brown liquid
Specific gravity @ 25 °C	Typically 1.03
pH	11+/- 0.5
Chloride content	Nil
BS 5075	
Flammability	Non-flammable

Application	Normal Mix cement: lime : sand	Mix with Sopra Plast Mortar cement : sand (+SopraPlast M)
Internal plaster, Floating coats or External Rendering	1 : 1 : 6	1 : 6
Laying blocks, concrete or sand / lime bricks or Laying load-bearing block-work	1 : 0.25 : 3	1 : 3
Pointing or Repointing	1 : 3-4 : 3	1 : 3
External rendering for exposed	1 : 0.5 : 4	1 : 4

Application Instructions

Dispensing

The correct quantity of Sopra Plast Mortar should be measured by using a recommended dispenser. Sopra Plast Mortar may be mixed with the gauging water in a storage tank or added directly to sand / cement mortar. Mechanical mixing of the mortar is recommended.

Dosage

The normal dosage range is 0.3 - 0.7 litres per 100 kg of cement, including any cement replacement material. The optimum dosage of Sopra Plast Mortar and the time for formwork removal for specific requirements should be determined by trials using the materials and conditions as encountered on site.

Overdosing

Exceeding the recommended dosage will result in a significant increase in both workability and air entrainment of the mix.

Curing

Normal curing methods to protect concrete surfaces should be adopted.

Cleaning and Disposal

Spillages of Sopra Plast Mortar should be hosed down with large quantities of water or absorbed onto fine sand and disposed of in accordance with local legislation.

Precautions

Health and Safety

Sopra Plast Mortar is alkaline but non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When contact with the skin is made, wash off immediately with soap and water. If swallowed, seek medical attention immediately, do not induce vomiting.

Technical Support

Sopra provides on-site assistance and consulting services on projects when requested. Technical data sheets on other Sopraproducts and guidance on their use are available on request.

Warranty

Sopra products are guaranteed against defective materials and manufacture and sold subject to Sopra standard terms and conditions of sale. Whilst Sopra endeavours to ensure that any advice, information or recommendation given is correct, the company can not accept any liability either directly or indirectly arising from use of its products, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Sopra policy is one of continuous improvement and the company reserves the right to change its products with out prior notice.