

# MIXPLUS

Liquid mortar plasticizer/admixture for cementitious mortars / renders

**Mixplus** is a liquid, air entraining mortar plasticizer which imparts greater workability and cohesion. Whilst increasing durability when set. Mixplus readily mix with water in any proportions. It is based on the neutralized salt of vinsol resin and is free from calcium chloride and similar salts. Mixplus will reduce thermal movement and drying shrinkage in the cured mortar.

Mixplus replaces lime in mortar mixes and reduces the amount of water required for workability. This result in reduced drying shrinkage and less cracking

## Appropriation

Since improves workability and trowelling properties of sand and cement mortar mixes during application and frost resistance for wide range of works like Rendering, precast repair works, Brick laying, Pointing works, etc.

## Characteristics

Eliminates the need for lime  
Improves moisture retention  
Does not bleed or segregate  
Increase bond strength  
Reduces shrinkage cracks and crazing  
Improves weather resistance  
Enables harsh sands  
Eliminates efflorescence  
Improves workability

## Technical Data & Properties

Standard conforms: BS 4887  
Appearance: Dark brown liquid  
Specific gravity: 1.20 at 25°C  
Air entertainment: 1- 2% according to dosage rates used  
Chloride content: Nil, tested to BS5075  
Freezing point: 0 °C. Mix prior to use  
Flash point: None

## Product Management

Dosage rates: Laboratory trials followed by site trials should always be conducted to determine the optimum dosage rates for Mixplus. The following dosage rates are based on previously completed projects. They are given as guide for initial trials only. Add for particular application. Test mixes should be carried out to determine optimum dosage. Due to the plasticizing action of Mixplus, significant reductions in water demand will be achieved, correct addition of water accordingly

## Mix proportions:

Comparative mixes with & without Mixplus

<u>Typical Uses</u>	<u>Cement/ lime/ Sand</u>	<u>Cement/ Mixplus/ Sand</u>
Load bearing brickwork	1:0.5:3	1:3
External rendering, Bedding coats	1:0.5:3	1:3
Internal plastering	1:0.5:3	1:3
Pointing	1:0.5:3	1:3
Laying blocks/ bricks	1:0.5:3	1:3

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**Mixing:** Mixplus should be directly added to sand/cement/water mix or maybe pre-mixed with the gauged water. Mechanical mixing should be employed where possible although thorough manual mixing may be acceptable for small batches if carried out vigourously

**Effects of over dosage:** Mixplus plaster admixture will safeguard against over dosage by limiting the amount of air capable of being entrained. It is important to ascertain the reasons for the over dosage to avoid repetition

## Packing & Storage

Mixplus is available in 20 litres and 200 litres drums. For site installations, deliveries will be made in bulk to site storage tanks. Mixplus should be stored in cool, shaded warehouses. Shelf life is 12 months

## Health & Safety

Mixplus contains no hazardous substances. However, it should not be allowed to come into contact with skin and eyes. Wear suitable protective gloves and goggles whilst handling. When in contact with the skin and eyes wash thoroughly and immediate with warm water. If swallowed seek immediate medical attention. For more details, please refer to the MSDS released on each product

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# FAB

THE CONSTRUCTION CHEMIST

Technical information given in this datasheet is true and exact to the best of our knowledge, laboratory upshot and hands-on application. The datasheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of the publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambiance. Climatic disparity in temperature, humidity, etc. and porosity of substrate may impinge on the values.

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