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CI/SfB

TECHNICAL DATA SHEET  
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## SEALOMIX - ULTRA

### DESCRIPTION

SEALOMIX - ULTRA is a solution of blended natural resin for use with cement mortar in bricklaying and rendering. SEALOMIX - ULTRA conforms to BS4887 "Mortar Plasticisers" and is designed to increase the workability and plasticity of the mortar.

### USES

SEALOMIX - ULTRA replaces lime and when the mortar is set, increases resistance to continuous freeze/thaw cycles. It may also be used in concrete to give improved frost resistance, but should not be used in structural concrete.

SEALOMIX - ULTRA works by entraining microscopic air bubbles in mortar mixes, which greatly improves workability and stops bleeding or segregation.

Its use enables the water content to be reduced for a given consistency. This results in a more dense mix, less prone to cracking and crazing. In addition, the reduced water content helps to minimise efflorescence. The use of SEALOMIX - ULTRA does not affect the initial set strength of mortars.

The colour of mortar or concretes is not altered by the incorporation of SEALOMIX - ULTRA in the mixes, and the product does not contain any materials that will cause corrosion of steel reinforcements.

SEALOMIX - ULTRA improves the bond strength between brick and mortar and the improved consistency helps to reduce wastage by holding mortar overspill in place.

The incorporation of SEALOMIX - ULTRA in mortar mixes allows work to continue in temperatures down to -2°C.

### ADVANTAGES

- \* Conforms to BS4887 "Mortar Plasticisers" and produces a more workable mix, easier to trowel.
- \* Cured mortars have better resistance to frost damage.
- \* Better bonding is achieved using SEALOMIX - ULTRA.

### TECHNICAL DATA

Colour	Dark Brown/Red Liquid
Usage	SEALOMIX - ULTRA is added to mixes in the ratio of 20 ml to 50 kg of cement

### PACKAGING

SEALOMIX - ULTRA is available in 1 litre containers.

### METHOD OF USE

SEALOMIX - ULTRA should be added pre-mixed with the gauging water. The gauging water should be reduced accordingly to meet the required consistency. The coarser the sand the higher the rate of additions required. Whilst it is undesirable to exceed the recommended dosage the product limits the amount of air capable of being entrained.

SEALOMIX - ULTRA is compatible with other admixtures but calcium chloride solutions are incompatible and should be added separately. It may be used with all types of Portland cement, including sulphate resisting, however, if the cement is already plasticised a trial mix is recommended.

## STORAGE

If stored in closed containers in a cool dry place, the shelf life is 12 months. Protect from frost.

## HANDLING

SEALOMIX - ULTRA contains a small amount of caustic soda (sodium hydroxide) in solution. Wear eye protection and impervious gloves. Wash off any splashes with water and obtain medical attention in case of ingestion, eye contact or if in discomfort. For further information refer to relevant Product Safety Data Sheet.

*We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.*

