

TECHNICAL DATA SHEET



Air Entraining Powder Mortar Plasticiser

Description

A resin based mortar plasticiser produced in powder form for use as an alternative to or as a supplement to lime to the use of lime, enhancing the application properties and durability of bricklaying and rendering mortars.

Appropriate Standards

Complies with EN934/3

Applications

For use as an admixture for mortars to improve workability, in both bricklaying and rendering applications.

Aids resistance of mortar to frost attack in both wet and cured state, increases long term durability of both, cement, sand and cement, lime, sand mortars (BS 5628 refers)

Advantages

Economy: Reduced labour costs
 Reduced wastage
 Faster rates of spread.

Together with:

- Reduction in incidence of efflorescence.
- Reduces bleed and segregation in the mix.
- Improved bond.
- Improvement in resistance to frost damage in both, wet and hardened mortar
- Reduces mortar shrinkage

Technical Data/Typical Properties

Product Colour: Brown powder

Chloride Ion Content : <0.1%% (w/w) of admixture (nil)

Qmix DH will entrain microscopic air bubbles into cement mortars in a controlled manner as specified within EN934

Air entrained mixes produce greatly enhanced workability therefore reducing the amount of mixing water required to produce a cohesive mix.

Improved frost resistance in both freshly laid and hardened mortars, Cement: Lime, Sand mixes which also include air entraining plasticisers have been shown to be particularly durable in accelerated testing.

Note

Qmix DH provides protection from frost down to -2°C in the wet mortar.

Appropriate winter working precautions must be taken.

For temperatures below -2°C use Qpolar Frost Proofers

Use of Product

Qmix DH is added directly into the mixing drum after the addition of sand .

The pre-weighed sachets provides a controlled dosage and minimises wastage costs.

Mixing

The product action of entirely physical, therefore an efficient mixing action is required.

If hand mixing is to be employed a vigorous mixing action must be employed to achieve the maximum plasticising effect.

Selection of appropriate mix designs should be made in line with the relevant National Standards and Codes of Practice.

Dosage

Qmix DH is packaged in pre-measured sachets designed for treatment of 1 bag of cement.

Always use the type of sand recommended for a particular application.

Test mixes should be undertaken out to determine optimum dosage.

Packaging

Available in 250 pre-measured sachets.

Storage

Store in cool, dry conditions.

Shelf Life

Minimum two years when stored in accordance with the manufacturer's instructions.