

Description

Optomix 758 for Ready Mix is an admixture specifically formulated to reduce the permeability of concrete. It is used in plastic concretes and mortars, such as for masonry work, rendering and bricklaying.

Optomix 758 is based upon a carefully selected blend of solubilised carboxylic acids which form a permanent hydrophobic layer at all air-concrete interfaces within the concrete pore matrix.

Application

Optomix 758 is suitable for use with all types of Portland Cement. It is effective in a wide range of concrete and provides some water resistant properties to hardened mortars and renders.

Standards

Optomix 758 complies with the requirements of BS EN 934-2, Table 9, for Water Resisting Admixtures.

All Christeyns products are produced in accordance with the ISO 9001:2000 Quality Management Standard and the ISO 14001 Environmental Management Standard.

Addition Rates

Usage rates will depend upon type of mix and desired effect, but typically:-

250 - 1000 mls per 50kg cement
(0.5 - 2% by weight of cement)

Optomix 758 should be added undiluted to the concrete mix at the same time or immediately after the mix water.

Typical Properties



OPTOMIX 758

for **readymix**

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Nature

Aqueous solution of solubilised carboxylic acids

Appearance

Clear Amber/Pale Straw liquid

Relative Density

1.03 gcm⁻³ at 20°C

Air Entrainment

Less than 1% additional air entrained in dry and semi dry mixes

Water Soluble Chloride to EN 480-10

Less than 0.005%

Alkali Content to EN 480-12

3.5 % as Na₂O equivalent

Corrosion Behaviour

No performance determined

Stability

Avoid freezing

Compatibility

Compatible with all types of Portland Cement. In accordance with BS 4721, Optomix 758 will have no adverse effect on the durability or appearance of the mortar, nor on any adjacent material or component.

Storage

Protect from extremes of temperature.

Optomix 758 has a minimum shelf life of 1 year under normal conditions of storage.

Handling

Optomix 758 is a non-hazardous material but in line with general chemical handling precautions to avoid contact with skin or eyes, protective gloves and goggles should be worn.

Refer to the Material Safety Data Sheet for Optomix 758 for full details.

Packaging

200kg drums, 1000 litre IBCs and bulk deliveries.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

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