

Description

Oscrete 303 Water Repellent is an admixture specifically formulated to reduce the permeability of low workability concrete mixes.

Oscrete 303 Water Repellent also has excellent efflorescence control properties and possesses plasticising properties.

Oscrete 303 Water Repellent is based upon a carefully selected blend of solubilised long chain fatty acids which form a permanent hydrophobic layer at all air-concrete interfaces within the concrete pore matrix.

Oscrete 303 Water Repellent also has significant plasticising properties for semi-dry materials, resulting in increased compaction under vibration and/or pressure.

Application

Oscrete 303 Water Repellent is suitable for use with all types of Portland Cement. It is effective in a wide range of dry and semi dry concretes, used in the manufacturing of all types of decorative concrete.

Standards

Oscrete 303 Water Repellent 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 the type of mix and desired effect, but typically:-

250 - 500 mls per 50 kilos cement
(0.5 - 2% by weight of cement)

Oscrete 303 Water Repellent should be added neat to the concrete mix, with, or immediately after the mixing water.



Typical Properties**Nature**

Aqueous solution of solubilised carboxylic acids.

Appearance

Amber liquid.

Relative Density

1.00 at 20°C.

Air Entrainment

Less than 1% additional air entrained, in dry/semi-dry mixes.

Water Soluble Chloride to EN 480-10

Less than 0.005%

Alkali Content to EN 480-12

1.2% as Na₂O equivalent

Corrosion Behaviour

No performance determined

Stability

Avoid freezing.

Compatibility

Compatible with all types of Portland Cement and cement replacements.

Storage

Protect from extremes of temperature. Oscrete 303 Water Repellent has a minimum shelf life of 1 year under normal conditions of storage.

Handling

Oscrete 303 Water Repellent is a non-hazardous product 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 Oscrete 303 Water Repellent for full details.

Packaging

200 litre drums, 1000 litre IBCs and bulk.

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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