

### Description

Oscrete Aquapel 816 Water Repellent is a 'free' flowing powder blend based upon selected long chain fatty acids, and inert pore fillers.

Oscrete Aquapel 816 Water Repellent has been specifically formulated for semi-dry processes where it is readily dispersed in the mix to impart water resistant properties to the concrete. In addition to its excellent water absorption reducing properties, it also helps to control efflorescence problems by limiting moisture migration within the concrete.

When used within the limits of recommended dosing, Oscrete Aquapel 816 Water Repellent has no significant effect on the rate of setting or the strength of the concrete and is non air entraining.

### Application

Oscrete Aquapel 816 Water Repellent is suitable for dry or semi-dry mixes in the manufacture of paving stones, walling blocks, reconstructed stone and decorative products. Oscrete Aquapel 816 Water Repellent will not affect production times in the manufacture of pressed products.

### Standards

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

### Addition Rates

The high active nature of Oscrete Aquapel 816 Water Repellent allows economical usage rates of 0.5 - 1% by weight of cement.



**Typical Properties****Nature**

A water repellent based on long chain fatty acid salts

**Appearance**

Beige free flowing powder

**Bulk Density**

Approximately 0.8 gcm<sup>-3</sup>

**Air Entrainment**

Oscrete Aquapel 816 Water Repellent will increase the air content if used in wet cast concrete

**Acceleration/Retardation**

No significant effect with normal usage

**Chloride Ion Content**

Nil (to BS5075)

**Storage Life**

Indefinite when stored in dry conditions

**Compatibility**

Oscrete Aquapel 816 Water Repellent can be used with all types of Portland Cement, including sulphate resisting cements and cement replacements.

**Compatibility with other admixtures**

It is not normally recommended that Oscrete Aquapel 816 Water Repellent be premixed with other admixtures.

**Handling**

Oscrete Aquapel 816 Water Repellent 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 Oscrete Aquapel 816 Water Repellent for full details.

**Packaging**

25kg bags, 1000 kilos per pallet shrink wrapped.

**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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