

## COLOURSIL

Oscrete Coloursil is a new generation water repellent based on a carefully selected silane / siloxane blend.

Oscrete Coloursil is designed to provide exceptional water repellency in concrete and provides benefits in all types of pre-cast concrete, particularly block paving.

The blend of silane/siloxanes in Oscrete Coloursil has been chosen due to its effective ability in preventing the leaching from concrete of soluble salts, commonly termed efflorescence.

In controlling water absorption and efflorescence, Oscrete Coloursil increases the durability of concrete and prevents the long-term colour degradation of decorative coloured concrete.

#### Application

Oscrete Coloursil is suitable for use with all types of Portland Cement and cement replacements.

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

#### Benefits

Oscrete Coloursil is effective in a wide range of concrete and will provide the following benefits;

- Reduced permeability.
- Prevention of salt efflorescence.
- Improved durability.
- Colour enhancement.
- Reduces dirt build up and mould growth.
- Environmentally friendly.

#### 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**

Dosage rates will be dependent on the mix design, process and the desired effect, but typically will be in the range of

0.25 - 1.0 litres per 100 kilos of cement  
(0.25%-1.0% by weight of cement)

**Typical Properties****Nature**

Silane / Siloxane blend.

**Appearance**

White emulsion.

**Relative Density**

1.00 at 20 °C

**Air Entrainment**

Typically less than 2% additional air entrained.

**Water Soluble Chloride Content to EN480-10**

Nil

**Alkali Content to EN480-12**

<0.1% as Na<sub>2</sub>O equivalent.

**Storage**

Oscrete Coloursil has a minimum shelf life of 12 months from the date of delivery, provided storage temperatures are within the range of 0 °C to 50 °C.

The Oscrete Technical Department recommends regular circulation of the material to ensure homogeneity.

**Handling**

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

Refer to Material Safety Data Sheet for Oscrete Coloursil for full details.

**Packaging**

200 litre 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.

**OSCRETE is a division of Christeyns UK Ltd.**  
Rutland Street  
Bradford  
West Yorkshire  
BD4 7EA  
United Kingdom

**Telephone:** +44 (0)1274 393286

**Fax:** +44 (0)1274 309143

**e-mail:** [info@oscrete.co.uk](mailto:info@oscrete.co.uk)

**Website:** [www.oscrete.co.uk](http://www.oscrete.co.uk)