

# OSCRETE FLOW-CAST

## High Performance Superplasticising Admixture for GRC

### Description

**Oscrete Flow-Cast** is a unique polymer plasticiser blend that has been specifically developed for use in GRC. Based on a new generation dispersing agent and carefully selected polymer blends its molecular structure has been designed to promote exceptional properties.

### Applications

**Oscrete Flow-Cast** is used for making free flowing GRC products and spray applied GRC products.

**Oscrete Flow-Cast** will allow a longer working life without affecting early age strength or setting times.

**Oscrete Flow-Cast** will produce a free flowing none segregating mix.

### Benefits in GRC

- low emissions
- low VOC (volatile organic components)
- increased early age strengths
- increased flexibility
- reduced shrinkage
- improved surface finish
- homogeneous non segregating concrete
- reduced mixing time

### Properties

Nature	Powder
Colour	White
Bulk Density	0.600 g/cm <sup>3</sup>
pH	-
Chloride Content	<0.10%
Na <sub>2</sub> O equivalent	<1.00%

### Addition Rates

Dosage rates will be dependant on mix design, process, types of aggregates and the desired effect but typically:

**GRC (400 grams per 50 kg cement)**

### Standards

**Oscrete Flow-Cast** complies with the requirements of EN 934-2 Table 3.1/3.2 for High Range Water Reducing/Superplasticising admixtures.

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



**OSCRETE**  
construction products



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### Compatibility

**Oscrete Flow-Cast** is suitable for use with all types of cements and offers a wide range of benefits particularly in the production of free flowing concrete/grout.

### Storage

Store the product in a dry environment at temperatures between 10 and 30 degrees centigrade. Moisture ingress will cause the product to harden.

### Handling

**Oscrete Flow-Cast** is a non hazardous product but in line with normal handling procedures, protective gloves and goggles should be worn to avoid contact with skin and eyes.

Refer to the Material Safety Data Sheet for full details.

### Packaging

**Oscrete Flow-Cast** is supplied as a loose powdered additive sealed in 15 kg plastic containers.

#### **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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