

Description

OSCRETE XLR is a non-chloride liquid set, hardening and strength accelerator for concrete and mortar.

OSCRETE XLR accelerates cement hydration, resulting in increased early compressive and flexural strengths without adversely affecting ultimate performance.

Application

For accelerating the setting time properties in order to speed up demoulding or removal of forms and to facilitate floor finishing operations.

Benefits

The use of **OSCRETE XLR** will protect concrete when placing in low temperature conditions by accelerating the setting times and hardening rates as well as reducing energy curing costs in cold weather.

OSCRETE XLR is recommended for use with Portland cement and is especially effective in concretes containing pozzolanic materials such as fly ash, silica fume and slag.

OSCRETE XLR is non-corrosive and is especially recommended for use with steel reinforced concrete and mortar.

In concrete mixes, **Oscrete XLR** accelerates the chemical reaction between Portland cement and water. This reaction speeds up the formation of calcium silicate hydrate (C-S-H) gel. The formation of this gel ultimately shortens the setting time of concrete which allows the development of higher early strengths.



FM/09569



the Sign of Quality



EMS 73529



OSCRETE XLR is a non-corrosive, non-chloride liquid set, hardening and strength accelerator for concrete and mortar.

Standards

All Christeyns products are produced in accordance with the ISO 9001:2008 Quality Management Standard and the ISO 14001 Environmental Management Standard.

Addition Rates

For protection of concrete at low ambient temperature:

1000mls per 100kgs of cement down to -4°C.

2000mls per 100kgs of cement for temperatures of -4°C to -7°C.

For high early strength: 3000mls per 100kgs of Portland cement is recommended.

The maximum recommended dosage rate is 5000mls per 100kgs of Portland cement.

Appearance

Opaque / Yellow Liquid

Specific Gravity

1.33 gcm⁻³ at 20°C

Stability

Avoid severe frost

Compatibility

Compatible with all types of Portland cements

Storage

Protect from the extremes of temperature.

Oscrete XLR has a minimum shelf life of 6 months under normal conditions of storage.

Handling

Oscrete XLR is classified as IRRITANT. Eye protection and impervious gloves should be worn. For further information refer to MSDS.

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.

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