

COLOURPLAS 334C

Calcium Chloride Accelerator

PRODUCT DESCRIPTION

Colourplas 334C is a concrete accelerator based on calcium chloride for use where rapid hardening and increased early strength is required. **Colourplas 334C** is used in the production of concrete blocks and bricks, including low slump concrete using vibro-compression and instant demould. **Colourplas 334C** is not suited to concrete containing embedded metals.

APPLICATIONS

Colourplas 334C will protect concrete when placing in low temperature conditions by accelerating the setting and hardening rates. **Colourplas 334C** is suitable for all concretes which do not contain embedded metals, particularly dry or semi-dry production.

BENEFITS

- Accelerated strength.
- Reduced curing times.
- Reduced breakages.
- Cement economies.
- Increased production.
- Cold weather concrete.

PROPERTIES

Nature:	Liquid
Appearance:	Clear
Specific Gravity: (20°C)	1.26 g/cm ³
pH:	10.5
Chloride Content:	< 25.0
Alkali Content (Na ₂ O):	< 1.00

ADDITION RATES

Dosage rates vary dependant on mix design, process, aggregate type and the desired effect but typically:

500mls—5000mls per 100kg cement

(0.50% - 5.00% by weight of cement)

The correct dosage for the material package used should be determined by laboratory trials, please contact the OSCRETE technical department for further advice.

STANDARDS

Colourplas 334C is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



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COMPATIBILITY

Colourplas 334 is compatible with all types of EN 197 cement systems.

Colourplas 334C should not be premixed with other admixtures and should be batched separately.

STORAGE

Colourplas 334C should be protected from extreme temperature, frost and direct sunlight, the product has a minimum shelf life of 12 months.

HANDLING

Please refer to the **Colourplas 334C** material safety data sheet but in line with normal handling procedures, personal protective equipment should be worn.

PACKAGING

200 litres drums, 1000 litre IBC's and bulk deliveries.

NOTES

Colourplas 334C should be added with the water or at the end of the mixing process and not directly onto the cement. A mixing time of at least 30 seconds is recommended after the addition of the admixture.

If frozen **Colourplas 334C** may be used after thawing, slowly at room temperature followed by intensive mixing.

Please consult the OSCRETE technical department for advice on admixture selection.

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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