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TECHNICAL DATA SHEET TDS199  
PUBLISHED SEPTEMBER 2002

# SEALOFROST

## DESCRIPTION

SEALOFROST is a liquid frost proofer and floor hardener, based on calcium chloride that can be used in concrete and mortar.

This product should not however be used in mortar for structural masonry complying with BS5628 or in reinforced, prestressed or concrete containing embedded metals.

## USES

When added to the water used with Portland cement mortar or concrete, SEALOFROST reacts chemically with the cement to produce a rapid set and fast hardening. As the reaction generates heat in the mix, this increases its resistance to frost in the early stages of cure. Ultimately SEALOFROST produces a more dense concrete, resulting in an increase in compressive and tensile strengths and reduced permeability to water and oil.

The main uses are:

- \* For the placing of concrete and cement mortars under near freezing conditions.
- \* To promote rapid hardening of concrete floors and cement pavings.
- \* With neat cement, it produces a rapid set for grouting, filling holes and plugging leaks.

## ADVANTAGES

- \* Allows work to continue when a frost is expected.
- \* Easy to use – simply add required amount to the gauging liquid.
- \* All year round use.

*We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.*

## TECHNICAL DATA

|            |                                   |
|------------|-----------------------------------|
| Appearance | Fluorescent Green Liquid          |
| Dosage     | 2.5 – 4.5 litres per 50 kg cement |

## PACKAGING

SEALOFROST is available in 5 litre, 25 litre and 210 litre containers.

## METHOD OF USE

Dependant on temperature and conditions, use the amount detailed above. The colder the weather the more SEALOFROST is required, but do not use more than 4.5 litres per 50 kg of cement.

Always mix SEALOFROST with the gauging water before adding to the mix. The mortar or concrete must not be made with frozen materials and should be used within 20 – 30 minutes of mixing. The temperature of the sand/cement mix must not be below 4°C. Normal precautions must be observed to protect from frost after laying.

## STORAGE

SEALOFROST should be stored in a cool, dry place away from moisture and direct sunlight. Shelf life is a minimum of 12 months in unopened, sealed containers.

## HEALTH AND SAFETY

SEALOFROST is essentially non hazardous. For further information please refer to the Health & Safety Data Sheet.

