

**GEOCHEM**



PROFESSIONAL  
BUILDING  
CHEMICAL  
RANGE

# FROSTPROOFER & RAPID HARDENER

**Geochem Frostproofer and Rapid Hardener** is a chloride based liquid additive designed to accelerate setting and hardening times of mortar, concretes, screeds and rendering. It reacts chemically with Portland cement and as it generates heat in the process it provides frost protection during the setting period and enables work to be done during cold weather.

**Geochem Frostproofer and Rapid Hardener** produces a more dense concrete and increases tensile and comprehensive strength.

**Geochem Frostproofer and Rapid Hardener:**

- Accelerates setting and hardening time
- Provides frost protection in low temperatures
- For mortar, concrete and rendering



## TECHNICAL DATA

<b>Form</b>	Liquid
<b>Storage Life</b>	12 Months stored between 5°C and 25°C in original containers

Specification writers: These values are not intended for use in preparing specifications. Please contact your local **Geocel® Sales Representative** prior to writing specifications on this product.

## SURFACE PREPARATION

### APPLICATION

**Geochem Frostproofers and Rapid Hardeners** should be added to the gauging water before adding to the mix.

Dependent on temperature and conditions use 1.25 Litres – 2.5 Litres of **Geochem Frostproofers and Rapid Hardeners** per 20kg of cement, it is necessary to work quickly under normal conditions, within 20 minutes of mixing in cold weather conditions.

Normal precautions must be observed ensuring the use of frost free aggregate, and covering and protecting the finished work.

### COVERAGE

1.25 to 2.5 litres per 25kg of cement.

## CLEANING

Clean equipment with water after use.

## PACKAGING

**Geochem Frostproofers and Rapid Hardeners** is available in 5 Litre jerry cans and 25 Litre drums.

## LIMITATIONS

**Geochem Frostproofers and Rapid Hardeners** is not suitable for use in pre stressed concrete or structural steel reinforcement, includes: metal wall ties, galvanised lintels, reinforcing mesh in structural concrete. Any load bearing situation where reinforcement is involved.

## HEALTH AND SAFETY

**Geochem Frostproofers and Rapid Hardeners** is essentially non hazardous. For further information please refer to Health and Safety data sheets available on request.

## TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact **Geocel® Technical Service**.

**IMPORTANT NOTE** The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Geocel's products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Geocel's sole warranty is that the product will meet the Geocel sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Geocel specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.

Geocel disclaims liability for any incidental or consequential damages.

# Geocel®

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