

# FORMTARD

## Paint On Stop End Gel Retarder for Construction Joints

### DESCRIPTION

Formtard is a gel type product which can be brushed applied to concrete formwork/mould surfaces to provide a uniform coating of retardant. It can be applied to complex shaped moulds and vertical surfaces ensuring a coating free from 'runs'.

Formtard is suited for producing exposed aggregate finishes or for the production of a surface suitable for keying construction joints at stop-ends, or for subsequent plastering or coating operations.

Formtard is dyed green as a visual guide when painting the moulds so as to assist in uniform and complete application.

### ADVANTAGES

- Easily brush applied to formwork or mould surfaces providing a uniform coating.
- Once applied no weather protection is necessary.
- Only a single coat is required.
- Concrete may be placed immediately after the product has been applied, or at a later stage when the retarder has dried.
- Accidental contact with reinforcement will not impair bond of reinforcement to concrete as reversion will occur.
- Non-staining and suitable for all types of cements.
- Water based environmentally friendly product with no flammable or toxic solvents present.
- Any residue left on moulds is soft and can be easily removed.

### PROPERTIES

Appearance: Green Gel

Freezing Point: Solidifies at approximately 0°C but when the temperature returns to normal the performance of the product is unimpaired.

Chloride Content: Nil

### APPLICATION

Formtard is supplied ready to use and application is via paintbrush or notched trowel. Over brushing should be avoided. Can be used on plain or treated wood, hardboard, fibreglass or steel moulds.

If untreated wooden formwork is being used for the first time it may be necessary to apply a mould release agent prior to use or seal the formwork with a wax or varnish type sealer.

Concrete may be placed immediately after the formwork has been coated with the retarder.

If formwork coated with retarder is left exposed to the air, a dry surface results which need not be protected from rain, although heavy rain should be avoided.

**It is recommended that the forms are struck within 30 hours following application, otherwise the retarding action will be negated and the concrete will set.**

The retarded matrix should be removed by hosing/brushing to expose the underlying aggregate.

Care should be taken to remove traces of retarder by washing prior to re-use of moulds.

N.B. Certain concrete admixtures hinder retarding action, again evaluate prior to use.

### COVERAGE & YEILD

3-4m<sup>2</sup>/litre dependent on surface texture and porosity.

### STORAGE & HANDLING

No special storage facilities are needed.

Avoid freezing temperatures.

Spillages should be washed down to avoid slippery surfaces.

### PACKAGING & TRANSPORT

Formtard is supplied ready for use in 25ltr Steel kegs.

Not regulated for Road Transport

### HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request.

### QUALITY ASSURANCE

Direct Chemicals is a firm of assessed capability. The Company's quality system conforms to BS EN ISO 9001:2000 and is assessed by QMS International PLC. Products are manufactured under quality assured schemes.

Direct Chemical products are guaranteed against defective materials and manufacture. Products are sold subject to the Direct Chemical Terms and Conditions of Sale, copies of which are available on request. Direct Chemicals endeavours to ensure that the above data and any further advice is correct, however Direct Chemicals can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.



**Direct Chemicals**  
PO BOX 3786, Bracknell  
Berkshire, RG12 7TH  
Tel: 0118 989 2666  
Fax: 0118 989 0929  
Email: sales@dichem.co.uk  
Web: www.dichem.co.uk

