

Data Sheet

EXPOTARD GEL

Mould Applied Retarder



DESCRIPTION

Expotard has been formulated in a gel type composition providing a product which may be brushed onto mould surfaces to provide a uniform coating of retardant. Expotard may be applied to complex shaped moulds and vertical surfaces ensuring a uniform coating free from 'runs'. Expotard is ideally suited for the production of exposed aggregate finishes or for the purpose of producing a surface suitable for keying construction joints at stop ends, or for subsequent plastering operations. Expotard is coloured green as a visual guide when painting the moulds so as to assist in uniform application.

ADVANTAGES

- Easily brush applied to Formwax or moulds providing a uniform coating.
- Once applied no weather protection is necessary.
- Single coat only required.
- Concrete may be placed immediately after application or at a later stage when casting has dried.
- Product is non staining and suitable for all cements.
- Expotard is water based with no flammable or toxic solvents present.
- Any residue left on moulds is soft and can easily be removed.

PROPERTIES

Appearance: Transparent green coloured gel

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

Chloride content: Nil

APPLICATION

Expotard is supplied ready to use and should not be diluted. Application may be via paint brush or serrated trowel. Over brushing should be avoided. May be used on plain or treated wood, hardboard, fibreglass or steel moulds. If untreated wood is being used for the first time it may be necessary to apply a mould release agent prior to use. Concrete may be placed immediately after the formwork has been coated with the retarder. If the formwork, after coating, is left exposed to the air, a dry surface results which need not be protected from rain. It is recommended that forms are struck within 30 hours following application. Care should be taken to remove traces of retarder by washing prior to reuse of moulds.

COVERAGE

3-4 m²/litre dependent upon surface texture and porosity.

STORAGE AND HANDLING

Expotard Gel is supplied in sealed 25 litre containers. No special storage facilities needed. Spillages should be washed down to avoid slippery surfaces.