



OPUS CONSTRUCTION PRODUCT DATA

OPTIMUM CR2

Description

Opus Optimum CR2 is a readily biodegradable chemical release agent specially formulated to give easy release from pre-cast moulds or formwork and provides a high quality surface finish to concrete. The product utilizes sustainable Vegetable Oil within its formulation and is tailored to be used on large scale structural concrete elements. It also has a proven track record for floor beams.



Advantages

- Opus Optimum CR2 is essentially non-hazardous and readily biodegradable.
- Opus Optimum CR2 is suitable for use on all types of formwork and pre-cast mould materials.
- It is a suspension and sediment free, highly mobile liquid, which can be used in very fine sprays without clogging the jets.
- There is no unpleasant odour, even when using a fine fog spray.
- Very economic coverage rates can be obtained without difficulty.
- Retains its mobility at low temperatures.
- It may be applied immediately prior to casting, or treated forms may be left until apparently dry.
- Opus Optimum CR2 is a chemical reaction promotes a uniform, matt, stain free, concrete surface with reduced incidence of blow holes and surface blemishes.
- Continued use gives progressively better results on timber formwork.
- Can be used with either grey or white cement.
- Provides a quick, positive release of formwork, reducing labour costs and damage to formwork and moulds.

Properties

Appearance:	Clear yellow, low viscosity liquid
Specific Gravity @ 15°C:	0.858
Flash Point:	75°C (PMCC)
Viscosity:	6.0 cSt @ 40°C
Freezing Point:	< -5°C
Storage Life:	Indefinite in manufacturers sealed drums



Application

Opus Optimum CR2 is ready for use and should not be diluted. It should be applied as thinly and evenly as possible for optimum performance. It can be applied to all types of formwork by spray, fine-haired brush, swab or roller. Any excess should be mopped up. For the best and most economical performance, application by fine fog spray is recommended. It will not clog fine jets even at freezing temperatures. Excellent results can be obtained using the Opus range of spray equipment. For new 'unsealed' timber forms pre-treatment is recommended with a second coat applied prior to use. Should extensive re-use be required, coat new timber with Opus Easycoat or Opus Easywax.

Coverage

25 to 60 m²/litre dependent on type of form, porosity, texture of surface and ambient temperature.

Storage & Handling

Opus Optimum CR2 should be stored inside in manufacturer's sealed drums/IBC. This type of material should be applied in well ventilated areas. Keep away from naked flames and electrical equipment. Please refer to Material Safety Data Sheet for further details.

Packaging

Opus Optimum CR2 is supplied in 205 litre and 20 litre drums. Bulk storage and road tanker service available.

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