



OPUS CONSTRUCTION PRODUCT DATA

OPTIMUM XL

Description

Opus Optimum XL is a new generation biodegradable chemical release agent, utilising the latest state of the art additives, incorporating natural, mineral and synthetic elements. Its rheological attributes are specifically designed to give easy release of formwork and high quality surface finishes to concrete. Equally suitable for use with form liner systems.



Advantages

- Optimum XL is suitable for use with all types of formwork.
- Readily Biodegradable.
- Eco- Friendly Credentials.
- It is a suspension and sediment free, highly mobile liquid, which can be used in very fine sprays without clogging the jets.
- Has 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.
- May be used to affect positive release with liner systems. (Rubber, neoprene and EPS.)
- Continued use gives progressively better results on timber formwork.
- Dries in 2-3 hours to give a safe walking surface on soffit shutters which are not affected by rain.
- Can be used with either grey or white cement, also concretes containing pigments.
- Provides a quick, positive release of formwork, reducing labour costs and damage to formwork and moulds.
- Drastically reduces the incidence of blowholes, surface blemishes and staining.
- It is an effective rust inhibitor.

Properties

Appearance:	Clear, pale yellow, low viscosity liquid.
Specific Gravity:	0.875 @ 20°C
Flash Point:	140°C
Viscosity:	17 CST @ 20°C
Freezing Point:	-50°C
Storage Life:	Indefinite in manufacturer's sealed containers



Application

Do not dilute; apply a thin and even coat to clean form for optimum performance. Use Opus spray equipment, brush, swab, roller or squeegee, any excess should be mopped up. For best and most economical performance, application by fine fog spray is recommended. 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 Easycoat. Opus Easycoat a water borne Polyurethane Varnish.

Coverage

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

Storage & Handling

Optimum XL Stored in manufacturer's sealed drums require no special storage facilities. This type of material should be applied in well ventilated areas. Keep away from naked flames, electrical equipment, foodstuffs and children.

These materials do not constitute a health hazard and do not promote a carcinogenic reaction provided reasonable care is exercised according to Health & Safety regulations.

Health & Safety

Avoid physical contact with material and inhalation. If contact with skin should occur wash with a suitable antiseptic cleaner and then soap and water. If splashes should affect eyes, bathe immediately with copious quantities of clean water and then immediately seek medical advice.

Reference should be made to the separate Opus Optimum XL Health and Safety literature.

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