



OPUS CONSTRUCTION PRODUCT DATA

OPTIMUM WD

Description

Opus Optimum WD is the latest generation of Release systems from Opus Construction Products. Being based upon sustainable raw materials this product is inherently Bio-degradable. Opus Optimum WD is designed to work across DRY and WET CAST Concrete Production. The rheological attributes inherent in the product ensure that high quality surface finish is achieved in both DRY and WET cast applications. Opus Optimum W/D works equally well with the low water / cement ratio in Dry Cast Production and the standard mix designs inherent in Wet Cast Concrete. This enables Companies to standardize on one grade across all Production and avoids incorrect grade selection at the Pre-Cast factory. This Product is unique to Ferguson & Menzies Ltd and forms the basis of our on-going Research and Development into Concrete Release Systems.

Application

- Opus Optimum WD is ready to 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.
- 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 spraying equipment

Advantages

- Suitable for use on Dry and Wet Cast Concrete with excellent results achieved across both applications.
- Is a suspension and sediment free, highly mobile liquid, which can be used in very fine sprays without clogging the jets
- 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 WD is suitable for use on steel beds/ moulds and also varnished Timber for WET/DRY applications
- Can be used with either grey or white cement or concretes incorporating pigments.
- Provides quick positive release of Concrete in rapid Production methods or Standard hydrated.
- Drastically reduces the incidence of blowholes, surface blemishes and staining.



Properties

Appearance:	Yellow, low-medium viscosity liquid.
Specific Gravity:	0.852 @ 15°C
Odour:	Mild
Viscosity:	6.5 cSt @ 40°C
Flash Point:	72°C (PPMC)
Storage Life:	Indefinite in manufacturer's sealed containers

Coverage

30 to 50 m²/litre dependant upon material type, porosity, texture of surface and ambient temperature.

Storage & Handling

Opus Optimum WD in manufacturer's sealed drums should be stored at ambient temperature away from sources of ignition. 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 WD Health and Safety literature.

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