

## Data Sheet

# FORMWAX

## Wax Based Formwork Sealer

Authorized Distributor of the "Extra Range"

### DESCRIPTION

Formwax is specifically developed for the initial sealing of various formwork surfaces.

Based on crystalline waxes and with a fugitive dye which will not stain permanently, this thixotropic material when worked into a surface takes on a smooth, thin, paste consistency.

Its economy of use, speed of application and compatibility with most types of release agent make it the ideal preservation sealer. It is not in itself a release agent\*



### BENEFITS

- Ready to use, single coat application.
- Less costly than paint treatments in both material and labour.
- Can be applied to new or old, damp or dry, formwork surfaces.
- Prevents veneer damage, furring, cracking or separation.
- Reduces the possibility of porosity variation, wood sugar migration and subsequent hydration staining.
- Standardises absorbency differences between dissimilar plywoods, hardwoods, wood chippings, etc., which could cause noticeable colour variation in concrete surface finishes.
- Forms ready to use within an hour.
- Has no deleterious effect on concrete surfaces.
- Waterproofs and protects formwork

### PROPERTIES

Appearance:	Pale red wax paste
Specific Gravity:	0.915 @ 20°C
Flash Point:	170°C (PMCC)
Minimum Application Temp:	3°C
Storage Life:	Indefinite in manufacturer's sealed kegs

### COVERAGE

10 m<sup>2</sup>/kg average

### APPLICATION

#### Timber and Wood Chipboard Forms

Remove any surface water and dirt. Apply Formwax by means of clean rag, minute mop, brush or squeegee. Work paste into the surface well. Absorption will take place within an hour and in any areas of excessive absorption apply more material, removing any excess surface wax before use. On sawn board finish or ribbed formwork remove surplus material with a stiff brush. On ribbed timber forms ensure the plywood backing sheet is initially sealed with Formwax before ribs are fixed in position and reseal the whole form once assembled. This will help prevent the movement of cement lye and water under the rib sections and subsequent 'pulling' on form removal. Always use a release agent.

#### Overlaid and Impregnated Plywoods

Although these materials are already sealed, during use they can be damaged or deteriorate, particularly the paper overlay products. Re-treating them with Formwax will considerably increase their useful life.

#### Metal Forms

The formation of oxidisation and mill-scale on metal formwork which can cause build up, staining and scabbing, can be greatly reduced by pre-treatment with Formwax. Any subsequent recurrence of these faults can be remedied by re-application, even in localized areas.

#### Concrete Moulds

The production of moulds made in concrete for battery casting schemes, piling production, etc., is well established and calls for well designed dense concrete but the surface, no matter how well finished (screeded or power floated), will still be porous and have small surface blowholes. The master mould once fully cured should then be treated with Formwax as follows:

Brush apply a liberal coating; allow to soak in for several hours; re-apply a second coating by applicator, rubbing well into surface; ensure absorbent areas are fully sealed and remove any excess material, there should be no surface residue. The master mould is now ready to apply a good quality release agent, we recommend Extracon

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Chemical Release Agents. Subsequent casts against the master mould will show a continuing improvement in release properties, however should concrete finishes eventually start to deteriorate, restore master mould by the re-application of Formwax, even on a localized basis.

**\*Difficult Features**

Where a problem of release arises due to design of a feature or insert on any type of formwork, Formwax can be applied lightly to act as a positive release agent.

**Protective Coating**

Formwax is an excellent protective sealer for all types of formwork when not in use.

**STORAGE**

No special storage facilities are necessary but preferred in temperature range of 3°C to 90°C.

**PACKAGING**

Formwax is supplied in 20 kg kegs.

**HEALTH AND SAFETY**

Formwax contains mineral oil; use gloves or barrier cream on hands. Contamination should be washed off with soap and warm water. Otherwise refer to Material Safety Data Sheet.