



We create chemistry

MasterFinish[®] 253

Form Release Agent

DESCRIPTION

MasterFinish[®] 253 is a ready to use, medium viscosity, chemical release agent for all types of concrete formwork. It reacts with the alkalis in water at the interface of the concrete and formwork to produce a thin film of lime soap that prevents formation of any bond between concrete and formwork, enabling the easy striking of formwork.

RECOMMENDED FOR

MasterFinish[®] 253 is recommended for all formed concrete (Vertical or Horizontal application) where it is desired to obtain an exposed finish.

FEATURES AND BENEFITS

Prevents adhesion of cement	Easy and faster cleaning of formwork. Minimised damage to formwork surfaces and better utilisation. Saves labour in cleaning of window and door frames after plastering.
Leaves no residue	Unstained, fairfaced concrete without any discolouration. Does not impair bond of paints, renders, etc. on concrete.
Superior release property	Easy striking of formwork without damage. Excellent 'off-form' finish - clearly reproduces the texture of formwork surface over concrete.
Forms water repellent film on formwork	Protects timber forms from warping and inhibits rusting of steel forms.
Low viscosity	Easy application and high coverage.
Inhibits formation of air pockets	Minimised surface blemishes on concrete.

PROPERTIES

Supply form	: Liquid
Colour	: Dark Amber

APPLICATION

Surface preparation

Surfaces should be clean, and free from loose particles, oil, grease, or any other contaminant. Cement laitence, loose particles, oil, grease, mould release agent, curing membrane, rust and other surface contaminants must be removed by suitable methods without damaging the formwork surfaces.

For best results, apply an even coat by a low pressure spray equipment (Knapsack sprayer), sponge mop, roller or brush. Remove any puddles of excessive application. It is recommended to be applied before placing reinforcing steel. Otherwise any accidental spillage on steel bars should be removed using a clean rag dampened with turpentine, xylol or toluol.

It is important to avoid leaving patches of untreated areas, hence, ensure that there are no breaks during application until a well marked area is completely treated.

Concrete can be placed soon after application of **MasterFinish[®] 253** Re-coat forms prior to each use.

Equipment

Low pressure sprayer, roller or brush.

Cleaning

Clean the tools and equipment using turpentine, xylol or toluol.

ESTIMATING DATA

The coverage of **MasterFinish[®] 253** will vary on the type

of formwork and its surface conditions. As a guide;

Type of formwork	coverage in m ² /L
Non absorbent (e.g. steel)	30-60
Smooth plywood or dense grained timber	20-40
Porous or rough sawn timber	16-24



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PACKAGING

MasterFinish[®] 253 is available in 20 L pails and 205 L drums.

SHELF LIFE

MasterFinish[®] 253 can be stored in tightly sealed original containers for 12 months at even temperature.

PRECAUTIONS

Health : MasterFinish[®] 253 is non toxic but can cause irritation to persons with sensitive skin if exposed and respiratory reaction if inhaled.

Safety : Wear eye protection, gloves and mask while handling the product. Wash thoroughly after handling.

In case of accidental eye contact wash with copious amount of water and seek medical help.

If ingested drink a glass of water and do not induce Vomiting. Consult doctor immediately

Flammability : Flammable

OTHER USEFUL PRODUCTS

Health Masterkure : A range of high performance curing compounds for curing concrete and mortar, based on polymers, wax and chlorinated rubber.

Barra repair system : Includes corrosion protective coating for steel, polymer bonding agents, and Barra range of polymer modified repair mortars for; anchoring, surface levelling, high build in vertical & over head situations.

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