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MULTI CONSTRUCTION CHEMICALS

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MULTI EASYSTRIP 340 / 341 /342 / 346

Solvent Based Chemical Release Agents

Specification Type

C&CA Category 5 for Chemical Release Agents. Low viscosity hydrocarbon carrier blends with chemical active release agents.

Description

- * MULTI EASYSTRIP 340 Oil Emulsion Based
- MULTI EASYSTRIP 341 Wax Emulsion Based MULTI EASYSTRIP 342 Diesel Emulsion Based MULTI EASYSTRIP 346 Pure Oil Based

Chemical release agents applied to mould and shutter surfaces prior to casting concrete in order to achieve a clean release MULTI EASYSTRIP formulations can be applied to the formwork by spray in a light uniform mist coating or by brush.

Typical Applications

- * MULTI EASYSTRIP is suitable for application onto plywood, timber, steel and plastic faced formwork and shuttering. Concrete cast with MULTI EASYSTRIP as the release agent have a smooth, hard, uniform and light coloured finish. They will not affect the concrete in any deleterious manner.
- * They may also be applied to rough sawn timber formwork when a grained effect is required.
- * The adhesion of subsequent surface coatings or renders is not affected by concrete treated with MULTI EASYSTRIP moulds prior to casting the concrete in order to provide a clean release.

Advantages

- * MULTI EASYSTRIP formulations reduce the incidence of blow holes on the concrete face, are non-staining and can be used on concrete produced with White Portland Cement.
- * MULTI EASYSTRIP has a higher coverage than other oils due to their low viscosity.
- * MULTI EASYSTRIP treated plywood and timer moulds are waterproofed thereby preventing swelling. Steel moulds are protected against rust and continued applications will assist in the removal of existing rust.
- * MULTI EASYSTRIP reacts chemically with cement in a manner that imparts excellent release properties to the face of treated moulds and shuttering.
- * Concrete cast with MULTI EASYSTRIP as the release agent have a smooth, hard, uniform and light coloured finish.
- * They will not affect the concrete in any deleterious manner. They may also be applied to rough sawn timber form work when a grained effect is required. The adhesion of subsequent surface coatings or renders is not affected by concrete treated with MULTI EASYSTRIP.

Typical Properties

Colour:	340/341— Cream; 342 - Milky White; 346 - Light Brown
Specific Gravity:	0,95 at20°C
Chloride Content:	Nil
Nitrate Content:	Nil
Freezing Point:	-10°C
Storage Life :	Up to 1 year when stored in

accordance with manufacturer's instructions

Coverage Rates :

Up to 30m² / litre depending on the type and porosity of formwork involved

Note: Progressively better results are obtained on plywood and timber moulds as they become impregnated and also once the operatives become accustomed to working with the release agent. MULTI EASYSTRIP in general, may be used over timber moulds, etc. which have been treated with other mould oils providing all excess material has been removed.

Directions for Use

Initially apply before the first casting, thereafter re-apply between castings, preferably immediately after stripping and cleaning the mould.

Application may be made by a fine haired brush or using a very thin spray coating. Any excess release agent must be removed.

New timber or plywood shuttering should be primed with one coat of MULTI EASYSTRIP followed by a further application prior to filling the moulds / shuttering with concrete.

Curing

It is essential that all concrete be cured to achieve design strength and reduce moisture loss. Cure with MULTICURE curing compounds.

Equipment Care

- * MULTI EASYSTRIP may be left in spray guns or sprayers without detriment but with certain types there may be some softening of the rubber seals with prolonged contact.
- * When necessary, clean the spray gun with white spirits or paint thinners.

Packaging

Supplied in 25 and 200 litre drums

Specification Clause

MULTI EASYSTRIP, a high performance chemical release agent manufactured by MULTI CONSTRUCTION CHEMICALS (PTY) LTD is to be applied to the formwork (indicate) at a coverage rate of + 30m² / litre in accordance with the manufacturer's instructions.

Quality Assurance

MULTI CONSTRUCTION CHEMICALS (PTY) LTD's production and testing programmes comply with local testing standards.