

PR 112

Solvent based chemical release agent

DESCRIPTION

Chemical release mould and shutter faces prior to casting concrete in order to achieve a clean release. After removal of the formwork, the resultant concrete has a smooth, hard, uniform finish, with reduced incidence of blow holes. **PR 112** can be applied to the formwork by spray in the form of a light uniform mist coating.

Low viscosity hydrocarbon carrier blended with a chemically active release agent.

TYPICAL APPLICATIONS

PR 112 is formulated for application to plywood, timber, steel and plastic faced formwork and moulds, prior to casting concrete, to ensure a clean release.

ACTION

PR 112 reacts chemically with cement to impart excellent release properties to treated surfaces. Concrete cast against surfaces coated with **PR 112** exhibit a smooth, hard, uniform finish.

PR 112 has no negative effect on the properties of concrete nor will it impair the adhesion of subsequent surface treatments when applied at the recommended coverage rates.

PACKAGING

PR 112 is available in 210 L drums and 197 L drums for export only. Bulk deliveries available upon request.

TYPICAL PROPERTIES*

| | |
|-------------------|---------------------|
| Colour | Colourless to Brown |
| Specific gravity | 0.85 at 25°C |
| Chloride content: | Nil |
| Freezing point | -10°C |
| Flashpoint | 66°C |

APPLICATION GUIDELINES

Apply before the first casting and thereafter re-apply immediately after stripping and cleaning the mould.

Lightweight horticultural sprayers are ideal as **PR 112** is finely atomised to give a uniform coating. Excessive application should be avoided.

Alternatively, application may be made by a fine haired brush, only a very thin coating should be made, and any excess removed.

If after the first application, the **PR 112** is completely absorbed into new timber or plywood, a further application should be made before filling the moulds or formwork.

NOTE

Progressively better results are obtained on plywood and timber moulds as they become impregnated and the operatives become accustomed to working with the release agent. **PR 112** in general, may be used over timber moulds, etc., which have been treated with other mould oils, providing excess has been removed.

CLEANING

PR 112 may usually be left in spray guns or sprayers without detriment, but with certain types, there may be some softening of rubber seals with prolonged contact.

COVERAGE / YIELD

The coverage rate for **PR 112** is between 30 to 70 m²/L when spray applied depending on smoothness and porosity of the formwork used.

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STORAGE AND SHELF LIFE

Store under cover, out of direct sunlight and protect from extremes of temperature. Shelf life is 12 months when stored in unopened containers as above. The product must be stirred before being used.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

HEALTH AND SAFETY

As with all chemical products care should be taken during use and storage to avoid contact with eyes and mouth. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

* Properties listed are based on laboratory controlled tests.