

MasterFinish[®] 202

(formerly Rheofinish 202)

Solvent based, ready-to-use, form-release agent

DESCRIPTION

Chemical release agent suitable for 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. **MasterFinish 202** can be applied to the formwork by spray in the form of a light uniform mist coating

RECOMMENDED USES

- Prestressed, precast, and pipe plants
- RCC structures

MasterFinish 202 is well suited for shutter faces made from wood, steel, fibreglass, aluminium & paper.

MasterFinish 202 reacts chemically with cement to impart excellent release properties to treated surfaces. Concrete cast against surfaces coated with **MasterFinish 202** exhibit a smooth, hard, uniform finish.

MasterFinish 202 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.

FEATURES AND BENEFITS

- Water-resistant chemical barrier – Ensures fast, clean stripping of forms
- No residue transfer – Stain-free & less voids
- Does not harm concrete – compatible
- Alkali resistant – protects aluminium forms
- Safe for wood fibres – extends service life
- Ready to use
- Placement up to 4 weeks before concrete
- Rapid drying – immediate placement

PERFORMANCE TEST DATA

| | |
|------------------|--|
| Aspect | : Clear free flowing liquid |
| Composition | : Blend of release agents in hydrocarbon carrier |
| Relative Density | : 0.83 ± 0.01 at 25°C |

| | |
|----------------------|----------|
| Chloride ion content | : < 0.2% |
| Freezing Point | : -10°C |
| Flash Point | : 77°C |

DOSAGE

The coverage rate for **MasterFinish 202** is 30 to 70m²/litre when spray applied depending on smoothness and porosity of the formwork used.

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. **MasterFinish 202** in general, may be used over timber moulds. etc., which has been treated with other mould oils, provided excess has been removed.

APPLICATION

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

Lightweight horticultural sprayers (knapsack type) are ideal as **MasterFinish 202** 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 **MasterFinish 202** is completely absorbed into new timber or plywood, a further application should be made before filling the moulds or formwork.

Coat forms liberally before storing to keep rust free. To return forms to service, sweep down and recoat with **MasterFinish 202**

Equipment care

MasterFinish 202 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.

SUGGESTED SPECIFICATION

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The form-release agent shall be **MasterFinish 202**, a chemical release agent in solvent carrier.

The product shall be in ready to use form, quick-drying type and shall be based on selective blend of chemically active release agents in low viscosity hydrocarbon carrier. The product shall have viscosity less than 0.85 and shall be free of chlorides.

PACKAGING

MasterFinish 202 is available in 205 litre drums.

STORAGE /SHELF LIFE

MasterFinish 202 must be stored where temperatures do not drop below +5°C. Store under cover, out of direct sunlight and protect from extremes of temperature.

Shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of

the product or packaging. For specific storage advice consult your local BASF representative.

PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use. Do not reuse containers for storage of consumable item. For further information refer to the material safety data sheet. MSDS available on demand or on BASF construction chemicals web site.

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NOTE

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