

Armix Form FR22

Oil based, Ready to use, Form release agent



TECHNICAL DATA SHEET

Product 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. Armix Form FR22 can be applied to the formwork by spray in the form of a light uniform mist coating.

Uses

- Prestressed, precast, and pipe plants.
- RCC structures.
- Armix Form FR22 is well suited for shutter faces made from wood, steel, fibre glass, aluminium & paper.
- Armix Form FR22 has excellent release properties to treated surfaces. Concrete cast against surfaces coated with Armix Form FR22 exhibit a smooth, hard, uniform finish.
- Armix Form FR22 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 1 weeks before concrete.
- Rapid drying – immediate placement.

Application Methodology

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

Lightweight horticultural sprayers (knapsack type) are ideal as Armix Form FR22 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 Armix Form FR22 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 Armix Form FR22.

Equipment care

Armix Form FR22 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

Armix Form FR22

Oil based, Ready to use, Form release agent



Technical Data

Aspect	:	Fluorescent Colour liquid
Relative density	:	0.85 ± 0.02 gm/cm ³ at 25°C
Flash point	:	>101°C

The Form-release agent shall be Armix Form FR22, 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.

Consumption

The coverage rate for Armix Form FR22 is 30 to 70m²/litre when spray applied depending on smoothness and porosity of the formwork used. If applied by roller/brush, the coverage rate approximately 40 to 60 m²/litre

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. Armix Form FR22 in general, may be used over timber moulds etc which has been treated with other mould oils, provided excess has been removed.

Packaging

Armix Form FR22 is supplied in 210 litre drums & 20 litre containers.

Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

Storage and Shelf Life

Armix Form FR22 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.

Product Categories Available



Health & Safety

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.