

ZETOLAN[®]-MA

HIGHLY BIODEGRADABLE FORM RELEASE AGENT



- Ensures really fair faced concrete
- Can be used on all types of mould and shutter faces
- Non-staining
- Biodegradable
- Économical
- Easy application
- Saves time and money

In addition to preventing adhesion of the cement paste to the mould or shutter face, ZETOLAN®-MA allows air, which would otherwise be trapped, to escape from the face when the concrete is being poured and vibrated. Pockets of air, trapped on the shuttered faces of concrete, are a major cause of imperfection necessitating remedial work.

ZETOLAN®-MA avoids time and money spend on this. The chemical reaction between ZETOLAN®-MA and cement in a concrete mix produces a strongly hydrophobic surface. This repels surplus water at the interface with the mould and by protecting the concrete from its effect, preserves uniformity of surface texture and colour.

Technical data and guidance can be provided on a wide range of concreting aids including Plasticizers, Accelerators, Retarders, Air Entrainment Agents, Waterproofers, Surface Retarders, Workability Aids and Repair Materials.



ZETOLAN®-MA

Product-No. 10.030

HIGHLY BIODEGRADABLE FORM RELEASE AGENT

DESCRIPTION

ZETOLAN®-MA is a specially formulated agent with chemically release properties which are superior to those of a conventional mould oil. The chemicals react with the water in the concrete to form a thin water-repellent skin on the surface of the mould thereby enabling easy stripping from concrete and acting as a protection to steel and wooden formwork.

BENEFITS

- Ensures really fair faced concrete
- Can be used on all types of mould and shutter faces
- Non-staining
- Minimizes cleaning of shutters (anti-electrostatic effect) before re-use
- Saves time and money

PROPERTIES

Service temperature: Suitable for use with steam cured concrete.

Formwork surface: Equally effective on wood or metal moulds and shutters (specially anti-corrosive), particularly effective on GRP and others resinous coatings, including polyurethane coated wood surfaces.

Non-staining: Does not stain concrete and can be used safely with white cement.

Temperature stability: From -30°C up to 200°C

APPLICATION

New Moulds. No preparation is necessary. Used Moulds.

All traces of cement must be removed together with any surface deposit of previous oils.

RE-USE OF MOULDS

Due to the excellent release properties, little or no deposit of cement paste remains on the shutter surface. Minimum cleaning down and a further coat of ZETOLAN®-MA renders forms ready for re-use.

ECONOMIC BENEFITS

On account of the high rate of coverage, the applied coat of ZETOLAN®-MA compares favourably with that of conventional mould oil. Having to the technical benefits additionally obtained, the economy of using ZETOLAN®-MA can be significant.

COATING

Using either a brush or any conventional mould oil sprayer, apply one coat of ZETOLAN®-MA evenly over the entire surface. On metal, glass fibre or other impervious surface one coat is sufficient. On new plain timber surfaces, a further coat of ZETOLAN®-MA should be applied before placing concrete if the mould is not used within 2-3 days.

COVERAGE

On plain timber surfaces approx. 30-40 m² per litre. On metal, glass fibre, and other coated timber approx. 80-100 m² per litre.

Dependent upon porosity and texture of mould surface.

NOTE

Only the thinnest coating necessary to achieve effective coverage should be applied. Over-application is uneconomic and can lead to surface dusting. Not sensitive to frost.

REMARK

Whilst information and/or specification contained herein is to the best of our knowledge true and accurate, and is based on many years experience, we cannot accept any liability either directly or indirectly arising from the use of our products, whether or not in accordance with any advice, specification or recommendation given by us, as we have no direct or continuous control over how or where our products are applied.

LEYDE-PRODUCTS are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale.

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