

# ZETOLAN<sup>®</sup>-E

## WATER BORN CONCENTRATED CHEMICAL MOULD RELEASE AGENT

### Product Description

ZETOLAN<sup>®</sup>-E is a concentrated pale amber liquid which turns white when diluted with water to produce a chemical release agent combining the outstanding physical release properties of a chemical release agent together with the economy of a conventional mould oil. It reacts 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, whilst serving to protect steel and wooden formwork.

### Uses

In addition to preventing adhesion of the cement paste to the mould or shutter face, ZETOLAN<sup>®</sup>-E allows air, which would otherwise be trapped, to escape from the face when the concrete is being poured and vibrated, thereby eliminating a major cause of imperfection. The emulsion spreads uniformly over the surface of the mould, forming a thin hydrophobic film which helps to minimize any variations of the formwork, and so produces a much more uniform surface colour and texture to the concrete.

### Advantages

- Ensures high quality fair faced concrete.
- Can be used on all types of mould and shutter faces.
- Non-staining.
- Minimizes cleaning of shutters before re-use.
- Safe time and money.
- Concentrated - minimizes storage and transport costs.

### Technical Data

**Appearance/Colour:** Amber pale liquid

**Density:** 0,85 g/ml

**Flash Point:** >170 °C

**Setting point:** < -12 °C

**Service temperature:** Suitable for use with steam cured concrete.

**Formwork surfaces:** Equally effective on wood or metal moulds and shutters.

**Non-staining:** Does not stain concrete and can be used safely.

### Storage / Shelf life

**Shelf life of concentrate:** 12 months in original sealed container, in cool storage and protected from direct sun.

**Shelf life of diluted emulsion:** Diluted ZETOLAN<sup>®</sup>-E will remain stable for at least 3 days and is easily reformed by re-stirring.

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## Product Data Sheet

Product No: 10.070

### Application

#### General information

**New Moulds** - No preparation is necessary although untreated new timber may require two coats.

**Used Moulds** - All traces of cement must be removed together with any surface deposits of previous oils.

Due to excellent release properties, little or no deposits of cement paste remains on the shutter surface. Minimal cleaning down and a further coat of ZETOLAN®-E renders shuttering ready for reuse.

#### Coverage

On account of the high rate of coverage, the applied cost of ZETOLAN®-E compares with that of conventional mould oils. Having regard to the technical benefits additionally obtained, the overall economy of using ZETOLAN®-E can be significant.

#### Legal notes

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