



## TYL<sup>®</sup> - ChemForm Agent WB

Water Based Mould and Shutter Release Agent

201909

### DESCRIPTION

TYL<sup>®</sup>-ChemForm Agent WB is a specially formulated release agent to produce release properties, which are superior to those of conventional release agents. This is an emulsified blend of non-hazardous chemicals with a chemically active release agent supplied as a sprayable/brushable liquid, ready for direct application on site. The reactive components in TYL<sup>®</sup>-ChemForm Agent WB protect formwork and ensure an even color and texture in the cast concrete.

### ADVANTAGES

- Does not contain mineral oils
- Non-staining and non-toxic
- Rust inhibitor
- Contains a rust inhibiting additive
- Reduces blow holes
- Emulsion hence will leave a dry film after application
- Does not colour the concrete
- Can be used on steel, timber and plywood formwork
- Does not affect subsequent finishes applied to the concrete
- Can be used in precast concrete construction
- Does not affect the bond between the concrete and subsequent coverings or renders
- Does not affect the hardening of the concrete



### USES

- To provide quick, clean and easy stripping of moulds, shutters and formwork.
- To ensure clean release of the hardened concrete, to produce a uniform smooth, hard finish to the concrete.

### SPECIFICATION COMPLIANCE

- ASTM D 2111:1985, Method C.

### PHYSICAL & MECHANICAL

#### PROPERTIES

<u>Property</u>	<u>Typical Result</u>
<b>Colour</b>	Uniform Pale Straw
<b>Homogeneity</b>	Homogenous
<b>Specific Gravity</b>	1.01@25°C
<b>Chloride Content</b>	Nil

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## MOULD PREPARATION

Steel moulds require no special treatment other than the removal of rust or oil, wetting out may be improved by lightly abrading the surface.

## PREPARATION OF USE MOULDS

Moulds previously treated with TYL<sup>®</sup>-ChemForm Agent WB will require only light brushing, as the presence of fine dust will improve absorption of TYL<sup>®</sup>-ChemForm Agent WB into the mould surface. This will usually result in improved release properties on the second and subsequent uses of the mould.

## APPLICATION

TYL<sup>®</sup>-ChemForm Agent WB may be applied by brush or conventional mould oil sprayer. If a mould oil sprayer is used, it is important that a fine nozzle be fitted, as this should be applied in a light continuous film. If it is over applied, excess material should be allowed to drain and then carefully removed from the bottom of the mould by means of a sponge or cloth. Pools of TYL<sup>®</sup>-ChemForm Agent WB should not be allowed to dry otherwise surface retardation of the concrete will occur. Unlike conventional mould oils, this does not possess residual release properties, so it is important that prior to each occasion of use, all areas of the mould are re-coated.

## COVERAGE

Around 40-80 sqm per liter

## PACKAGING

210 and 25 liter per drum

## LIMITATIONS

Care should be taken during use and storage to avoid contact with eyes, mouth and skin. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals.

## STORAGE

TYL<sup>®</sup>-ChemForm Agent WB has a minimum shelf life of 12 months when stored in the original unopened containers under normal warehouse conditions.



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