



TECHNY CHEMY

TEC[®] RELEASE WB Concentrated Mould Release Emulsion



KEY BENEFITS AND FEATURES

- Dilutable with upto 5 times clean water thereby becoming a very economical release agent.
- Reacts with the alkalinity in the concrete to form a very thin film close to the mould ensuring easy removal of moulds.
- Guarantee's easy release of form work, be it wood plywood or steel forms.
- Ensures neat finish of concrete on removal of forms.
- Reduces blow-holes in concrete and also ensures neat edges.
- Does not affect the bond of subsequent plasters to concrete surface.
- Does not stain the concrete surface.
- Prevents wooden and plywood shutters from water absorption and subsequent swelling.
- Protects steel form work against corrosion.
- Extends life of all kinds of formwork.
- The forms can be cleaned easily with water, between uses.
- Being a concentrate substantially reduces transportation costs.
- Higher spread rate due to dilution results in further reduction in cost.

USAGE

- Useful for all kinds of forms wood, plywood and steel.
- Ideal for use in moulds for Pre- Cast Concrete.
- Suitable for use in steam cured concrete.
- Also suitable for use in warm weather concreting.
- Particularly suited for wooden moulds where forms removal takes over 24 hours.
- Do not use for shorter de-molding time (less than 24 hours).
- Non-staining property permits usage with white cement.

DIRECTIONS FOR USE

SURFACE PREPARATION :

Very little surface preparation is required for new moulds. Wiping clean to be free of dust and deposits would suffice. For used moulds complete removal of previous use cement deposits and previously applied release oils is vital. Steel moulds should be cleaned to be free of rust.

MIXING :

Tec[®] Release WB should be diluted in the ratio 1:5 with good, clean water in a clean container. Stir the mix till a uniform solution results. In case the mix is not used the same day, repeat stirring thoroughly each time the mix is used. For best results, use the mix within 5days of preparation.

APPLICATION :

Tec[®] Release WB may be applied by brush, clean cloth or sprayer. One thin layer application is sufficient for steel forms. Excess application is not only expensive but also counter productive leading to concrete surface dusting. After the first application, subsequent applications may be done immediately after removal of mould and proper cleaning. Wood and plywood moulds may be impregnated with a second coat application when new. Subsequently only single coats need be applied. While using cloth, the cloth should be immersed in the solution and then squeezed to ensure a very thin coat. The emulsion coating on the mould should be completely dry before concrete placement. The coated moulds should be protected from rain till it dries out. Further stacked shutters if exposed to heavy rainfall should be recoated before use. The de-shuttered moulds should be cleaned each time the mould is removed and recoated prior to next use.

CLEANING:

Tools and spraying equipments should be cleaned immediately with clean water.



Certified:
ISO 9001 (QMS) & ISO
14001 (EMS)



PRECAUTIONS :

Tec^R Release WB is non-toxic and has very low flammability risk. However, inhaling the spray should be avoided. Use of gloves, goggles and other protective gear is mandatory. In case of accidental eye contact thorough water washing is advised. This should be followed up with professional medical assistance. Tec^R Release MA should not be swallowed. Contact with skin should be avoided. Application area should be well ventilated and smoking strictly prohibited at the site.

TECHNICAL DATA

Physical State	Amber Coloured Liquid
Film Colour	White
Specific Gravity	0.90 ± 0.01
Evaporation Loss at 40°C	1% Maximum
Application Temperature	Not less than 10°C
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture in unopened package
Coverage: At 1:5 Dilution on new timber and ply wood: At 1:5 Dilution on steel, treated timber and ply wood:	80-100 SqM/Kg/Coat* 120-160 SqM/Kg/Coat*

* Coverage will vary widely depending on the porosity of the form surface being treated.

PACKAGING

Available in: 200Kg Pack.

OTHER PRODUCTS

Techny manufactures lot more range of other products for construction and repair applications. They include admixtures for concrete, mortars, block making etc, waterproof and damp proof coating systems, Repair and rehabilitations products, Grouts and Anchors, Protective, Decorative and Corrosion prevention coatings, Epoxy Flooring systems, Industrial flooring systems and Tiling aids. For more details refer Separate Product brochures.

Every reasonable precaution is taken in the manufacture of the Techny products to ensure that they comply with high standards of quality. The recommendations and properties of the products are based upon what is believed to be the most reliable information available and are not intended as recommendations which infringe other patents. Although all Techny products are subject to rigid quality tests, no specific guarantee can be given, because results depend not only on quality but also on other factors beyond our control. We therefore welcome consultation in the event of doubt about application performance etc but do not accept any liability either directly or indirectly arising from the use of the products whether used as per its specifications or advice or otherwise. All transactions shall be subject to our terms of sale, delivery and payment. The leaflet supercedes the previous one and any new issue may take place without notice to supercede this edition as and when it becomes necessary.

TECHNICAL DATA SHEET
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