# Bettomould – WB

bettonlanka
Constructing the future

Data Sheet

Concrete Admixture

## PRODUCT DESCRIPTION

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**Bettomould WB is an environment – friendly form releasing agent, it is ready to use ,water based ,nontoxic surface consolidation agent with excellent form release properties.**

**It has been specially formulated to reduce and eliminate surface imperfections in precast, prestressed and cast in-place concrete, and to give easy and complete release of concrete when applied to most types of forms**

### ADVANTAGES

**Bettomould WB provide the following properties**

- Unique product to improve concrete off-form finish
- optimum release of formwork
- Improved concrete surface .
- Eliminating surface avoids and defects
- Minimizes repair costs associated with patching or polishing to remove surface defects .
- Improved surface quality often leads to better prices for finished product.
- Non-staining, suitable even for concrete containing white cement .
- Promotes easy and efficient stripping of forms.
- Reduces the cost of frequently cleaning forms by reducing the concrete residue.
- Easy and inexpensive to apply by spray
- Milky appearance means increased coverage by reducing overlapping applications
- Better and safe working environment.
- Non toxic, being made from "skin friendly" ester oils
- Biodegradable
- Suitable for use indoors or outdoors
- Good adhesion to formwork
- Reduces concrete contamination
- Does not promote rusting of the formwork.
- Economical to use

- Reduces blow hole formation.

### APPLICATION

**Bettomould WB** is a ready-to-use product that can be applied either by a sprayer, brush or a roller on any type of forms except rubber lined forms.

The spraying should be done at a suitable distance from the mould (approx-100 cm) so that the release agent is evenly distributed in a uniform film thickness. During spraying, it is critical that the spraying pressure is adequately high (6 bars) and that the gun, especially the nozzle is completely tight so that dripping is avoided.

When spraying with a central in let pipe system, care must be taken that these are completely cleaned of from the traditional mold releasers used previously and pipes flushed with clean hot water. When spraying with a portable handgun, a slit nozzle with a spraying angle from 65 to 80° has been found to give the best results.

The spray gun should not be left unused for several days as this may lead to nozzle blockage. To avoid the blockage, the nozzle can be immersed in a bucket of water when not in use.

### Uses

**Bettomould WB is formulated for application to plywood ,timber, steel ,plastic formworks and moulds prior to casting concrete to ensure a clean release**

### COVERAGE

The coverage of WB depends upon the application method. If applied uniformly by a sprayer at a constant pressure of 6 bars on metallic or on impervious material the coverage rate is 50 - 90 m²/liter.

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### PROPERTIES

| | |
|---|---|
| Material | Water base emulsion |
| Colour | Milky colour |
| Specific gravity | 0.93 at 25 °C |
| Chloride content% | <0.1% |

### CLEANING

Clean all equipment and tools immediately with water after use. Hardened material can only be removed mechanically

### STORAGE

Store under cover, out of direct sunlight and protect from extremes of temperature. Storage life up to 10 months when stored in unopened containers as above. The product must be stirred before being used.

### PACKAGING

20 L can

200 L drum

1000 L tank

### SAFETY PRECAUTION

1-As with all chemical products care should be Taken during use and storage to avoid contact With eyes and mouth. Treat splashes to eyes And skin immediately. If accidentally ingested, Seek immediate medical attention. Keep away From children and animals. Reseal containers after use.

**2-Bettomould WB** Contains solvent, ensure adequate ventilation at all times.
Wear gloves and goggles during the application.

3-Follow local regulations for material disposal

### TOXICITY

Bettomould WB is nontoxic material.

### TRANSPORT

No special requirements must be observed while the product is used. Protection gloves and glasses are recommended. Do not eat, drink or smoke during the application.

WB is non-flammable, non-toxic or irritant and is not subject to special transport requirements.

### TECHNICAL SUPPORT

The technical department is available to assist you in the correct use of our products and its resources are at your disposable entirely without obligation.

### NOTE

**The information and recommendation given here is based on our best knowledge and laboratory work as well as field experience.**

**However, betton lanka is only responsible about the product quality ,and we cannot be hold responsible from the results caused by use the product not in accordance with our recommendation to use the product and/or faulty applications.**

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