



PC-Releaseoil® WB

Water-Based, Highly Concentrated Mould Release Agent

PC-Releaseoil® WB is an economical and concentrated mould release agent available in a water-soluble emulsion form. To ensure optimal application, it should be diluted with water at a ratio of 1:6 up to 1:10. **PC-Releaseoil® WB** helps in facilitating the smooth and effortless demoulding of formwork while providing a uniform surface finish. To prevent adhesion of the release film to the concrete surfaces, it is crucial to apply **PC-Releaseoil® WB** as a thin layer.

ADVANTAGES

- Facilitating easy and efficient demoulding of formwork.
- Providing smooth and spot-free demoulded surfaces.
- Ensuring efficient adhesion of forthcoming plasters, mortars, and paints.
- Protecting formwork to enhance its overall service life.

USES

- Ideal for steel and other non-absorbent materials.
- Effective for use in tropical regions.
- Particularly suitable for achieving fair-faced concrete finishes.

TECHNICAL DATA

Physical Properties	Typical Value
Appearance / Colour	Clear Yellow
Density	0.85 g/cm ³
Consumption	20-25 m ² /Litter Depends on surface absorption (after diluting with 6part of water with 1-part of PC-Releaseoil® WB)

STORAGE

Store in dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight and frost. If frozen and/or if precipitation has occurred, the product may be used after thawing slowly at room temperature followed by intensive remixing.

PACKAGING

20 Litter piles and 200 Litter drum

INSTRUCTIONS FOR USE

Prior to application, **PC-Releaseoil® WB** should be diluted with water in a ratio of 1:6 up to 1:10. For plywood, the dilution ratio should not exceed 1:6. The dilution process entails slowly pouring **PC-Releaseoil® WB** into the measured amount of water while simultaneously stirring the resulting solution. Continue stirring until even dispersion is achieved, and the solution is homogeneous.

If not required for immediate use, the emulsion can stand over extended periods. However, it should be thoroughly stirred again before use. The surfaces to be coated should be free from remnants of concrete and cement splashes. Suitable spraying devices, brushes, or cotton rags can be used for application.

After application, allow **PC-Releaseoil® WB** to absorb for approximately 20-30 minutes before placing the concrete. The coated surfaces should be protected from the rain until the concreting begins. While the release properties of the **PC-Releaseoil® WB** coated shuttering are not significantly impaired by keeping them dry, it's advisable to shield the coated surfaces from intense sun, heat, and dust.

When applying **PC-Releaseoil® WB** to non-absorbent formwork like plastic and steel, allow it to dry completely before concreting. The drying time may vary based on ambient and surface temperature.

HEALTH AND SAFETY

According to the current regulations (please refer to notes 1 and 2 below), this substance is not classified as hazardous. Nevertheless, it is crucial to avoid ingestion or direct contact with skin and eyes, either in its bulk or spray form. We strongly recommend wearing protective gloves and goggles. In the event of contact with skin, wash immediately with water. If it comes in contact with eyes, rinse thoroughly with water and seek medical attention. In case of ingestion, do not induce vomiting and seek immediate medical attention. For further information, please refer to the Material Safety Data Sheet available for this product.



PC-WC GLOBAL FZ-LLC

FDRK2783 Compass Building, Al Shohada Road Al-Hamra Industrial Zone-FZ, Ras Al- Khaimah, UAE
Email : info@pc-wc.com
Phone +971542455817 , www.pc-wc.com

TECHNICAL DATA SHEET UPDATED IN
SEPTEMBER 2020
TDS/PC-RELEASEOIL® WB/20

All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.pc-wc.com