



# PC-Releaseoil® LP

## Oil-Based, Mould Release Agent

**PC-Releaseoil® LP** is a non-staining mold release agent, particularly well-suited for steel and non-absorbent shuttering. It is a specialized blend of high-quality mold-release oil and a carefully selected release agent. The presence of this release agent imparts excellent release properties to the shuttering, resulting in smooth and even surfaces when de-molded. **PC-Releaseoil® LP** is provided in a ready-to-use consistency and should not be diluted with water or other solvents. The application of a thin film of **PC-Releaseoil® LP** prevents the adhesion of cement slurry to the formwork surfaces and the release film to the demolded surfaces. This product is ideal for use in tropical areas, and continued use can help to extend the service life of shuttering surfaces by reducing wear and tear.

### 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 <sup>3</sup>
Consumption	20-60 m <sup>2</sup> /Litter

### 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.

### HEALTH AND SAFETY

**PC-Releaseoil® LP** does not fall under the hazardous category according to the current regulations (refer to notes 1 and 2 below). However, it is critical to avoid swallowing or direct contact with skin and eyes, whether in bulk or spray form. Wearing protective gloves and goggles is highly recommended. In the event of skin contact, wash with water immediately. In case of eye contact, rinse thoroughly with water and seek medical attention. If ingested, do not induce vomiting and seek medical attention immediately.

For additional information, please consult the Material Safety Data Sheet available for this product.

### ADVANTAGES

- Excellent 'sticking' ability on vertical mould surfaces.
- Self-levelling after spray application.
- Non-combustible vapor.
- Reduced 'dusty' residues on the formwork.
- Safe for the operatives to handle Easy and precise separation of the formwork from the hardened concrete.
- High quality surface finish Protection of formwork from steel corrosion and early aging.

### INSTRUCTIONS FOR USE

Before applying the coating, ensure that the shuttering surfaces are clean and free from any remnants of concrete or cement splashes. It is essential to use **PC-Releaseoil® LP** in its original consistency without diluting it with water or other solvents. You may apply the coating using appropriate spraying devices, brushes, or cotton rags. It is crucial to exercise caution to ensure that the applied film is thin and no visible remains or concentrated spots are present. To achieve such a condition, it is recommended to use a rubber sponge to draw the coated surfaces after application. The shuttering should be clean before coating, and the coated surface can be used immediately. The mold release properties of the **PC-Releaseoil® LP** coated shuttering are not significantly impaired if kept dry. However, it is advisable to protect the coated surfaces from intense sun rays, heat, and dust.

### STORAGE

Store in dry conditions at temperatures between +5°C and +25°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.

### FIRE

**PC-Releaseoil® LP** is oil based and non-flammable.



### PC-WC GLOBAL FZ-LLC

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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](http://www.pc-wc.com)