

Ortolan Bio 755

Environmentally compatible release emulsion.

PRODUCT PROPERTIES:

- Outstanding separating effect, minimizes concrete residues on the formwork.
- Concrete surfaces with excellent quality.
- Easy to apply by spray or roller.
- Odourless, with low emissions.
- Free from solvents and mineral oils.
- Ready to use, good hygiene at work.

AREAS OF APPLICATION:

- Suitable for metal, plastic and wooden formworks.
- For uses on the building site and precast manufacturing.
- Manufacture of high quality exposed concrete surfaces.
- Non-heated formworks.

APPLICATION ADVICE:

- **Ortolan Bio 755** is especially ecofriendly, mineral oil free concrete release emulsion for all common types of formwork.
- **Formwork surface:** The formwork has to be absolutely clean, free from concrete residues, oil and fatfree. If necessary, clean with an appropriate surfactant.

The formwork surface may be slightly moist, but completely free from other formwork oils.
- **Application:** Please refer to the “General Application Advice for Ortolan release agents”.
- **Ortolan Bio 755** forms a water-proof film on the formwork only after the water has evaporated. The evaporation time depends on temperature, air humidity and air exchange. If necessary, the releasing film that has formed after drying should be wiped down to ensure a better and more even distribution. Afterwards, the concrete can be poured into the formworks immediately.
- **Ortolan Bio 755** creates light and smooth concrete surfaces.
- **Further Information:** Heavy over dosage can lead to the formation of spots, dusting, sanding and water repellency of the concrete surface.

TECHNICAL DATA:

Characteristics	Unit	Value	Comments
Density	kg/liter	0.97 ± 0.02	
Application conditions	°C	5 - 35 1 - 30	Air and substrate temperatures Material temperature (protect from the sun)
Consumption	m ² /liter	20 - 30 10 - 15	Metallic and plastic formwork Wooden formwork
Dilution ratio	times	3 - 5	

** All technical values are laboratory results determined at 23°C ± 2 and 60% RH and may vary under actual construction conditions. To determine the specifications under specific conditions, preliminary suitability tests should be carried out under actual construction conditions.*

PRODUCT CHARACTERISTICS:

Base:	Plant oil / Water emulsion
Form:	Liquid
Colour:	Milky white
Delivery form:	5 liters/ 25 liters/ 200 liters
Storage:	Store in a cool, dry place at 10-30°C, covered and ventilated.
Shelf-life:	8 months from date of manufacture if stored properly in original unopened packaging.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

Edition **08/2024**. Some technical changes have been made to this print medium. Older editions are invalid and may not be used.