

# Ortolan Bio 755

Environmentally compatible release emulsion



## PRODUCT PROPERTIES

- Based on renewable resources
- Outstanding separating effect, minimizes concrete residues on the formwork
- Concrete surfaces with excellent quality
- Easily sprayable
- Odourless, with low emissions
- Free from solvents and mineral oils
- Ready to use
- Good hygiene at work
- Quality level 4 acc. to DGfB criterion matrix ENV 1.2. "Risks for the local environment"
- Fast biodegradability (95 % according to OECD 301 F)

## 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

**General Information:** 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 fat-free. If necessary clean it using Donnitil Oil Ex.

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.

For application please refer to the „General Application Advice for Ortolan release agents“ and to the safety data sheet!

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm <sup>3</sup>	approx. 1	at 20° C
Application conditions	°C	5 - 35	air and substrate temperatures
		1 - 30	material temperature (protect from the sun)
Consumption	ml/m <sup>2</sup>	approx. 10 - 35	depending on formwork absorbency
VOC content	%	< 1	

All technical values are laboratory results determined at 21°C ±2°C and 65% relative humidity.

Base	plant oil / water emulsion
Form	liquid
Colour	milky white
Delivery form	30 l canister, 200 l drum, 1000 l container
Self-monitoring	EN ISO 9001
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.
Packaging disposal	Make sure single-use containers are completely empty.

### Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : BTM05

**Note:** The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018483]