



Ortolan Bio 755

Eco friendly concrete 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 DGNB 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 Notes

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 MC-Entöler.

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 Data for Ortolan Bio 755

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 1.00	20 °C
Coverage	ml/m ²	approx. 10 - 35	depending on the type of formwork
Flashpoint	°C	-	Not applicable
VOC content	%	< 1	

Product characteristics for Ortolan Bio 755

Internal Supervision	DIN EN ISO 9001
Base	Fatty alcohol / water emulsion
Colour	Milky white
Consistency	Liquid
Storage	Can be stored for at least 12 months at temperatures between - 7 °C and + 25 °C
Form of Delivery	30 l canister 200 l barrel 1,000 l container
Disposal	To protect our environment please empty the packs completely.

* All technical values were determined in laboratory, at a temperature of 20 °C and 65 % relative humidity.

Safety advice

Please take notice of the safety information and advice given on the packaging labels, Safety Information Sheets and General Application Advice. Water hazardous class: 1; GHS CODE: BTM 5

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 05/19. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.