

Ortolan Basic 761

Concrete release agents for absorbent and non-absorbent formwork and shuttering



PRODUCT PROPERTIES

- Solvent-free universal release agent
- Exceptional separating properties
- Slows corrosion if separating film intact
- Protects and preserves steel formworks
- Prevents swelling, warping and parching of wooden formworks
- Fast biodegradability according to OECD 301 F (> 99 % after 28 d)
- Economical consumption
- Odourless
- Easily sprayable
- Ready to use
- Water hazardous class: 1
- Quality level 1 acc. to DGNB matrix ENV 1.2.

AREAS OF APPLICATION

- Suitable for absorbent and non-absorbent formworks (e. g. wooden, metal and plastic formworks)
- Universally suitable for use in concrete and reinforced concrete construction
- Suitable for the demoulding of concrete goods
- Suitable for heated formworks up to 80 °C

APPLICATION ADVICE

General Information: Ortolan Basic 761 is a mineral oil based, not water-soluble release agent for all common types of formwork.

Application: Please refer to the „General Application Advice for Ortolan release agents“.

Being biodegradable, the separating agent is weather sensitive. If the moulds are left exposed for a longer period of time it might be necessary to treat them again with Ortolan Basic 761. Highly absorptive and fresh wooden moulds may require a second coating of the separating agent.

At sub-zero temperatures the viscosity and consistency of the material changes. Material cloudiness, caused by frost, will disappear when the material is warmed. Optimal effectiveness of Ortolan Basic 761 is achieved at temperatures above 0 °C.

Handling: Please refer to the „General Application Advice for Ortolan release agents“.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 0.84	at 20° C
Viscosity	seconds	12	kinematic to DIN 53211
Consumption	ml/m ²	approx. 10 - 15	with non-absorbent formwork
		approx. 15 - 30	with absorbent formwork
Flash point	°C	> 140	
Water pollution hazard class		WGK 1	slightly hazardous to water
VOC content	%	0	IE Directive 2010/75/EU

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Base	mineral oils with additives
Form	liquid
Colour	yellowish
Delivery form	30 l disposable 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 : BTM20

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. [2300018475]