

Ortolan Classic 711

Solvent free release agent for all types of formwork



PRODUCT PROPERTIES

- Ready to use
- Exceptional chemical-physical 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 „Manometric Respiration Test“
- Odourless
- Easily sprayable
- Solvent and silicone free

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 (e. g. precast and site construction)
- Suitable for heated formworks up to 80 °C

APPLICATION ADVICE

General Information: Ortolan Classic 711 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 Classic 711. 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 Classic 711 is achieved at temperatures above 0 °C.

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

Further Information: 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 ³	approx. 0.85	
Consumption	ml/m ²	approx. 10 - 15 approx. 15 - 30	with non-absorbent substrate with absorbent substrate
Flash point	°C	> 140	
Water pollution hazard class		WGK 1	slightly hazardous to water
Biodegradability	%	99	after 28 days per OECD-301 F

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

Base	mineral oils with additives		
Form	liquid		
Colour	dark yellow		
Delivery form	1000 l container 200 l drum 30 l disposable canister		
Self-monitoring	EN ISO 9001		
Storage	Can be stored in original sealed packages at temperatures between 5°C and 30°C in dry conditions for at least 12 months.		
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. [2400020618]