

Ortolan Classic 731

Mildly odoured concrete release agent for non-absorbent formworks



PRODUCT PROPERTIES

- Ready to use, mineral oil based concrete release agent
- Exceptional separating properties
- Slows corrosion if separating film intact
- Suitable for extremely thin separating films
- Protects and preserves steel formworks
- Especially mild odour
- Chemiacal acting
- Easily sprayable

AREAS OF APPLICATION

- Suitable for smooth, non absorbent formworks
- For the production of high quality exposed concrete
- For precast and in-situ works
- Heated formworks up to 80 °C

APPLICATION ADVICE

General Information: Ortolan Classic 731 is a mineral based, not water-soluble release agent for smooth formworks.

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

Ortolan Classic 731 does not contain emulsifiers. Moisture does not therefore affect the applied separating film and it is largely resistant to rain. However, due to mechanical abrasion, the separating film must be protected from strong rain (e.g. driving rain). If the moulds are left exposed for a longer period of time the treated formwork area must be inspected and, if it is damaged, treated again with Ortolan Classic 731.

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 SEP 731 is achieved at temperatures above 0 °C.

Handling: Please refer to the data sheet „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. 0.84	
Consumption (flat)	ml/m ²	approx. 8 - 15	with non-absorbent formwork
		approx. 8 - 40	with absorbent formwork
Flash point	°C	64	DIN 51755
Water pollution hazard class		WGK 1	slightly hazardous to water

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 : BTM30

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. [2300018469]