

Ortolan Extra 741

Solvent-based special release agent for the precast industry



PRODUCT PROPERTIES

- Distinguished releasing effect
- Slows corrosion if separating film intact
- Allows an especially thin separating film
- Protects and preserves steel formworks
- Easily sprayable
- Solvent based
- Ready to use

AREAS OF APPLICATION

- Suitable for metal and plastic formworks
- Production of high quality fairfaced concretes
- Especially developed for precast manufacturing
- Heated formworks up to + 80 °C

APPLICATION ADVICE

General Information: Ortolan Extra 741 is a mineral oil based, not water-soluble release agent for smooth types of formworks especially for precast manufacturing.

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

Ortolan Extra 741 contains no emulsifiers. Moisture does therefore not affect the applied separating film and it is largely resistant to rain. However, due to mechanical abrasion, the releasing film must be protected from strong rain (e.g. driving rain). If the formworks 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 Extra 741.

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 Extra 741 is achieved at temperatures above 0 °C.

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

Further Information: For use 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. 0.81	
Consumption	ml/m ²	approx. 15 - 40	with non-absorbent substrate
Flash point	°C	57	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	dark yellow		
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 : BTM60

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. [2300018468]