

Ortolan Extra 721

Solvent based release agent especially for sliding and climbing formworks



PRODUCT PROPERTIES

- Ready to use, mineral oil-based release agent
- Biodegradable according to OECD 301 B
- Exceptional separating properties
- Slows corrosion if separating film intact
- Protects and preserves steel formworks
- Prevents swelling, warping and parching of wooden formworks
- Easily sprayable
- Solvent based

AREAS OF APPLICATION

- Suitable for wooden, metal and plastic formworks
- Sliding and climbing formwork construction
- Universally suitable for concrete and reinforced concrete construction
- Suitable for heated formworks up to 80 °C

APPLICATION ADVICE

General Information: Ortolan Extra 721 is a mineral oil based, not water-soluble release agent especially for sliding and climbing formworks.

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

Immediate after treatment with liquid curing agents or coating systems, as used in sliding and climbing formwork construction, is possible using this system. In these cases please request our advice.

Due to its biodegradability, the separating agent is weather sensitive. If the formworks are left exposed for a longer period of time it might be necessary to treat them again with Ortolan Extra 721.

Highly absorptive and fresh wooden formworks might also need a second coating of 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 Extra 721 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 data sheet „General Application Advice for Ortolan release agents“.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 0.87	
Consumption	ml/m ²	approx. 15 - 50	depending on substrate and application
Flash point	°C	70	DIN 51755
Water pollution hazard class		WGK 3	significantly 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 shade	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. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.

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. [2100004540]