

Ortolan Premium 702

Surface passivator for high quality exposed concrete based on special high performance process oils



PRODUCT PROPERTIES

- Ready to use, mineral oil-based release agent
- Exceptional separating properties
- For high surface quality
- With corrosion protection
- Reduces pores and cavities
- Protects and preserves steel formworks
- Especially gentle smell
- Suitable for extremely thin separating films
- Chemical acting
- Easily sprayable

AREAS OF APPLICATION

- Release agent suitable for smooth, non-absorbent formworks
- For high quality exposed concrete surfaces (e.g. class SB 3 and SB 4 according to DBV/BDZ-directive „Exposed concrete“)
- For heated formworks up to 80 °C

APPLICATION ADVICE

General Information: Ortolan Premium 702 is a special high performance process oil, not watersoluble and for smooth types of formwork. The product is specially developed for high quality exposed concrete surfaces, also for SB 3 and SB 4 exposed concrete classes.

Formwork treatment: Please refer to the „General Application Advice for Ortolan release Agents“.

Due to mechanical abrasion, the surface 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 damaged, treated again with Ortolan Premium 702.

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 Premium 702 is achieved at temperatures above 0 °C.

Application: 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“.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 0.8	
Consumption	ml/m ²	approx. 10 - 40	with non-absorbent formwork
Flash point	°C	approx. 53	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.

Hazardous substance according to the Ordinance on Hazardous Substances	Ensure compliance with the DIN Safety Data Sheet!
In-company production control	EN ISO 9001
Base	high-performance process oil with rust inhibitor and additives, solvent-based
Form	liquid
Colour	yellowish
Delivery form	30 l 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 : BTM50

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. [2300018471]