

Ortolan Extra 795

Water-based, creamy release agent for absorbent and non-absorbent formworks



PRODUCT PROPERTIES

- Release agent emulsion based on paraffinic raw materials
- Excellent release effect
- Enable a weather-resistant release film on the construction site
- Biodegradable acc. to OECD-301F
- Solvent-free
- Water-based, low odour
- To be applied by brush and spray methods
- Ready to use
- Water hazardous class: WGK 1
- Quality level 4 according to DGNB criteria matrix ENV 1.2 "Risks to the local environment"

AREAS OF APPLICATION

- For non-absorbent formworks, e.g. plastic, plastic-modified wooden formwork and steel
- For absorbent formworks, e.g. wood, polystyrene, OSB formwork
- For structural matrices
- For the production of high-quality concrete surfaces and fair-faced concrete
- For precast and in-situ concrete construction as well as bridge construction
- For sealing new wood formwork panels against leakage of wood sugar

APPLICATION ADVICE

General: Ortolan Extra 795 is a solvent-free, water-based, creamy release agent for all types of formwork. Due to its composition, this emulsion is particularly suitable for jobsites with sustainability requirements.

Release agent application: See leaflet "General application advice for Ortolan release agents".

Processing: Ortolan Extra 795 is applied with the MC-Spezialspritze pump, MC-Pump 3 or commercially available spray equipment (nozzle 8002). It can also be applied by brush.

Ortolan Extra 795 forms a highly effective, waterproof release film on the formwork, when the contained water has evaporated (until white shimmer disappears, approx. 15 - 20 minutes). The evaporation rate depends on the temperature, humidity and air exchange. For an even and thin film formation, it is necessary to wipe with a cloth. Subsequently, the concrete can be placed.

Other notes: Please be sure to observe our "General application advice for Ortolan release agents" and the Material Safety Data Sheet!

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	0.89	at 20° C
Application conditions	°C	≥ 5 ≤ 35	air and substrate temperatures
		≥ 5 ≤ 35	material temperature (protect from the sun)
Consumption	g/m ²	approx. 5 - 20	depending on substrate and application
Flash point			not applicable
Water pollution hazard class		WGK 1	slightly hazardous to water
Biodegradability	%	31	after 28 days per OECD-301 F

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

Base	paraffin wax emulsion
Form	creme
Colour	yellowish
Delivery form	15 l bucket (16 buckets per palette)
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 : BTM01

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. [2300018725]