

Ortolan Extra 792

Solvent-free concrete release agent emulsion for textured formworks



PRODUCT PROPERTIES

- Ready to use, water and paraffin-based concrete release agent
- Excellent chemical-physical separating effect
- For excellent concrete texture qualities
- Coats wooden formwork to prevent swelling, warping and drying
- Minimises concrete residues on the formwork
- Produces a largely weather-resistant release film
- Quality level 3 according to DGNB* criteria matrix ENV 1.2 "Risks to the local environment"
- Easy to spray
- Low odour
- Solvent-free
- Requires a flash-off time of approx. 20-30 minutes at 20°C

AREAS OF APPLICATION

- Especially suitable for the production of architectural concrete with textured formworks, g. absorbent wooden formworks and non-absorbent elastic structural matrices
- For use on construction sites with longer service life and weathering of the treated formwork
- For use on horizontal formwork
- For bridge structures
- For the sealing of newly used wooden formworks against wood sugar leakages

APPLICATION ADVICE

General Information: Ortolan Extra 792 is a paraffin-based concrete release agent emulsion, specially developed for absorbent wooden formworks and non-absorbent elastic structural matrices.

Substrate/Formwork: The formwork must be clean and free of concrete residues. All residues of other formwork oils must be completely removed. The formwork surface should preferably be dry, but may be slightly moist.

Application: See data sheet "General processing instructions for Ortolan Release Agents".

Ortolan Extra 792 is applied thinly, evenly and sparingly to the formwork by spraying, e.g. with MC-Spezialspritze. Ortolan Extra 792 forms fine droplets on non-absorbent formwork surfaces.

Only after the water has evaporated does a weatherproof film form on the formwork. The evaporation rate depends on the temperature, humidity, air exchange and the absorbency of the formwork. The flash-off time is approx. 20-30 minutes at 20°C.

For a better and more even distribution, the release agent film, which has been formed after the flash-off time, can be wiped off if necessary. The concrete can then be placed.

Concrete surfaces that are to be overworked with a subsequent coatings must be mechanically cleaned of the release agent film.

Further Information: Heavy overdosing can lead to staining, powdering and sanding of the concrete surface.

Treated formwork should be protected from direct sunlight and heat.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 0.98	
Application conditions	°C	≥ 5 ≤ 40	air temperature
		≥ 5 ≤ 40	material temperature (protect from the sun)
Consumption	ml/m ²	approx. 20 - 50	depending on condition of formwork and field of application
Flash point	°C	140	
Water pollution hazard class			in general, not hazardous to water
Form	liquid		
Colour	white		
Delivery form	30 l disposable canister 200 l drum		
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 : BTM10

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. [2400022657]