

Ortolan GeCo2 330

Water-based release agent for Earth Friendly Concrete



PRODUCT PROPERTIES

- Release agent emulsion based on paraffinic raw materials for Earth Friendly Concrete (EFC)
- Excellent release effect with demoulding times after 24 h and after 48 h
- Produces a weather-resistant release film
- Solvent-free
- Water-based, low odour
- Can be applied by brushing and spraying
- Ready to use
- Readily biodegradable acc. to OECD 301-F

AREAS OF APPLICATION

- For non-absorbent formworks, e.g. plastic-coated timber formwork, steel and plastic formwork
- For absorbent formworks, e.g. wood, polystyrene and OSB formwork
- For the production of high quality surfaces with EFC

APPLICATION ADVICE

Ortolan GeCO2 330 is a solvent-free, water-based release agent emulsion for Earth Friendly Concrete (EFC).

Application:

Ortolan GeCO2 330 must be stirred carefully in the bucket before use. It is sprayed on with an MC-Spezialspritze, MC-Pump 3 or commercially available pressure sprayers (nozzle 8002). It can also be applied with a brush.

Ortolan GeCO2 330 only forms a highly effective, waterproof release film on the formwork after the water has evaporated (when the white sheen has disappeared, after approx. 5 minutes). The rate of evaporation depends on the temperature, humidity and air exchange.

For an even and thin film formation, it is necessary to wipe with a cloth. The EFC can then be applied.

Other instructions:

Please be sure to observe our "General processing instructions for Ortolan release agents" and the safety data sheet!

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	0.97	
Viscosity	mPa·s	800	at 20° C and 50 % rel. humidity
Consumption	g/m ²	5 - 15	
Flash point			not applicable
Water pollution hazard class		WGK 1	
Biodegradability	%	72	after 28 days per OECD-301 F readily biodegradable
VOC content	%	< 1	

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

In-company production control	EN ISO 9001
Base	paraffin wax emulsion
Form	Liquid
Colour	Milky White
Delivery form	15 litre bucket (pallet 16 buckets x 15 litres)
Self-monitoring	EN ISO 9001
Storage	Can be stored in original sealed packages at temperatures between 5°C and 25°C in dry conditions for at least 12 months.

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : BTM15

Note: The information in this data sheet must be adapted by the installer, specialist planner, and/or building inspector to the respective construction project, intended use, and specific local conditions. Any non-standard local conditions must be taken into account, and application-specific conditions must be reviewed in advance by the planner/specifier. Deviations from the specified standard conditions 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. [2600030660]