



Ortolan Bio 880

Environmentally friendly concrete release emulsion based on renewable oils

Testings / Approvals/ Sustainability properties

- GISCODE BTM05
- Based on renewable raw materials
- easily and quickly biodegradable according to OECD-301F
- low-odor
- solvent free
- VOC content < 1-%
- water pollution hazard class WGK 1 slightly hazardous to water

BUILDING CERTIFICATIONS

DGNB

Version 2023

- Suitability according to the criteria matrix of the DGNB criterion ENV1.2 "Risks for the local environment"

Quality levels

No.	Location	Product type	1	2	3	4
14	Concrete release agents	Moulds oil and release agents for concreting	✓	✓	✓	✓

Version 2018

Quality levels

No.	Location	Product type	1	2	3	4
14	Concrete release agents	Moulds oil and release agents for concreting	✓	✓	✓	✓

BNB

Version 2015

- Suitability according to Annex 1 of the BNB criterion 1.1.6 "Risks for the local environment"

Quality levels

No.	Location	Building product type	1	2	3	4	5
43	Concreting	Formwork oils and release agents	✓	✓	✓	✓	

LEED

LEED v.4.1

Category

Criteria

Material & Ressources

MRc4 (Material Ingredients)

According to the current state of knowledge, the product does not contain any REACH Candidate List substances of very high concern (SVHC)

Category	Criteria
Regional Materials	- Production site: DE-46238 Bottrop Distance production site - construction site < 800 km. If the product is used within a radius of < 800 km from the production site it can contribute to achieving LEED points.

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

<input type="checkbox"/>	Product EPD is available.
<input type="checkbox"/>	Product specific epd available
<input type="checkbox"/>	Sample EPD is available


DISPOSAL

Product	See safety data sheet (section 13)
Packaging	Make sure single-use containers are completely empty.

DOCUMENTS FOR BUILDING CERTIFICATIONS

Documents available	Technical Data Sheet Saftey data sheet Saftey data sheet Saftey data sheet Saftey data sheet Saftey data sheet Saftey data sheet Saftey data sheet Saftey data sheet Saftey data sheet Test certificate-Biodegradability
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PRODUCT LABEL

Product and company specific label	
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Legal notice: The information given in this data sheet is based on our experience to the best of our knowledge, but is non-binding. They are to be adapted to the individual construction project, the intended use and the specific local exposition. The project conditions that deviate from the standard application must be checked in advance by the planner and require his individual approval. The technical advice provided by MC's technical experts does not replace the planning work on the history of the building. Assuming this, we are liable for the correctness of this information within the framework of our sales and delivery conditions. Recommendations from our employees that deviate from the information in our leaflets are only binding for us if they are confirmed in writing. In any case, the generally recognized rules of construction technology need to be respected. Due to innovations in the certification systems listed, the information provided may no longer correspond to the current certification principles. [2.2]