



MC-DUR 1101

Transparent, two-component, water-based epoxy resin binder

Testings / Approvals/ Sustainability properties

- GISCODE RE90
- waterbased
- solvent free
- tin free, solvent free, cementless, phthalate free
- VOC content according to EU regulation 2004/42 (Decopaint-Directive): RL2004/42/EG All/j (140 g/l) ≤ 140 g/l VOC

INGREDIENTS / EMISSIONS

biocides	not included (not part of the recipe)
CFC free	yes
halogenated hydrocarbons	not included (not part of the recipe)
HCFC free	yes
heavy metal legacies	not included (not part of the recipe)
styrol	Not included (not part of the recipe)

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
24	EP-/PU primers (including screeds) and coatings for floor and wall surfaces (e. g. skirting boards) with special requirements	Industrial floorings, parking areas and underground garages (OS (surface protection) 8, 10, 11 among others) with the exception of markings (not regulated)	✓	✓	✓	✓

			Quality levels			
No.	Location	Product type	1	2	3	4
23	EP-products for coating mineral surfaces: floors, ceilings and walls – including in system structures with not special requirements	Seals, 2K EP paints, EP floor coatings – with the exception of OS (surface protection) systems for car parks, etc.	✓	✓		

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

No.	Location	Building product type	Quality levels				
			1	2	3	4	5
20a	Sealers and self-levelling coatings for industrial floors, parking areas (interior and exterior) and underground car parks incl. base coatings (OS 8 and 11), except of markings (not regulated).	Epoxy resin and PU coatings (also in combination) with special resistance requirements for floor and wall surfaces					

No.	Location	Building product type	Quality levels				
			1	2	3	4	5
19	Sealers (self-levelling coatings) for mineral substrates - except surface protection systems for multi-storey car parks, etc. (see item 20)	Epoxy resin coatings - also 1C and 2C system set-ups					

LEED LEED v.4.1

Category	Criteria	
Material & Ressources	MRc2 (Environmental Product Declaration)	The product has a sample EPD
	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)
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)

	Product EPD is available.
	Product specific epd available
	Sample EPD is available
Declaration No	EPD-DBC-20220174-IBF1-EN (Products based on epoxy-resin, group 1)

DISPOSAL

Product	See safety data sheet (section 13)
Packaging	Make sure single-use containers are completely empty.
Recycling concept	Weißblech KBS 0054

DOCUMENTS FOR BUILDING CERTIFICATIONS

Documents available	Technical Data Sheet Technical Data Sheet Environmental Product Declaration (EPD) Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet Safety data sheet
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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. [3.2]