



MC-DUR PowerCoat 280

Extremely heavy-duty PU/mineral hybrid floor

Testings / Approvals/ Sustainability properties

- GISCODE PU40
- solvent free, silicone free, phthalate free, tin free, heavy metal free
- VOC content according to EU regulation 2004/42 (Decopaint-Directive): RL2004/42/EG All/j (500 g/l) < 500 g/l VOC

INGREDIENTS / EMISSIONS

| | |
|--|--|
| biocides | not included (not part of the recipe) |
| CFC free | yes |
| formaldehyde content | < 10 µg/m ³ nach 72 h (DIN EN ISO 16000-9) |
| halogenated hydrocarbons | not included (not part of the recipe) |
| HCFC free | yes |
| semi-volatile organic compounds (SVOC) | < 100 µg/m ³ nach 72 h (DIN EN ISO 16000-9 bzw. DIN EN 16402) |
| heavy metal legacies | 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"

| No. | Location | Product type | Quality levels | | | |
|-----|---|---|----------------|---|---|---|
| | | | 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) | ✓ | ✓ | ✓ | ✓ |

| No. | Location | Product type | Quality levels | | | |
|-----|--|--|----------------|---|---|---|
| | | | 1 | 2 | 3 | 4 |
| 20 | Reactive PU products for coating mineral floor, ceiling and wall surfaces – including in system structures with not special requirements | Seals, 2K PU paints, PU floor coatings – with the exception of OS (surface protection) systems for car parks, etc. | ✓ | ✓ | ✓ | ✓ |

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 |
|-----|---|--|---|---|---|---|---|
| 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 | ✓ | ✓ | ✓ | ✓ | ✓ |

LEED
LEED v.4.1

| Category | Criteria | |
|------------------------------|--|--|
| Material & Ressources | MRC2 (Environmental Product Declaration) | The product has a sample EPD Declaration |
| | 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) |
| Indoor Environmental Quality | EQc2 (Low-Emitting Materials) | VOC Emissions Flooring: please see section Ingredients/ Emissions and our documentation for building certifications of this Sustainability Data Sheet |
| 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)

Declaration No

Product EPD is available.

Product specific epd available

Sample EPD is available

EPD-FEI-20220021-IBG1-EN
(Products based on polyurethane or silane-modified polymer, group 1)

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 Environmental Product Declaration (EPD) Safety data sheet |
|---------------------|--|

PRODUCT LABEL

| | |
|------------------------------------|--|
| Product and company specific label | |
|------------------------------------|--|

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. [2.7]