

MC-DUR PowerCoat Cat

Curing accelerator for MC-DUR PowerCoat



PRODUCT PROPERTIES

- Curing accelerator / catalyst for the products MC-DUR PowerCoat 200/240/280

AREAS OF APPLICATION

- Accelerated curing of Pu/mineral hybrid floor coatings
- Faster commissioning / faster return to service
- Fast curing even at low temperatures

APPLICATION ADVICE

Mix the products MC-DUR PowerCoat 200/240/280 as instructed in their specific technical data sheets. After a mixing time of two minutes, add the full pack amount of accelerator to the coating compound (components A/B/C/D). Then mix for a further minute to homogenise the compound.

Dosage ratio MC-DUR PowerCoat Cat to MC-DUR PowerCoat 240/280 as per table:

Application temperature °C	QTY accelerator in mL	Working time in minutes	Accessibility/overworking time in hour	Early water resistance in hours
10	70	10	5	12
15	50	10	5	12
20	35	10	5	12

Dosage ratio MC-DUR PowerCoat Cat to MC-DUR PowerCoat 200 as per table:

Application temperature °C	QTY accelerator in mL	Working time in minutes	Accessibility/overworking time in hour (Primer)	Accessibility/overworking time in hour (Sealing)	Early water resistance in hours
10	200	10	5	6	12
15	150	10	5	6	12
20	100	10	5	6	12

The working time indicated includes trowelling, reworking/doctoring and, where applicable, sand scattering/broadcasting. These processes must all be completed within said working time. All accelerator quantities indicated relate to a single standard container of MC-DUR PowerCoat 200/240/280.

Special advisories: Consumption rates, application time, accessibility and achievement of resilience are temperature- and site-dependent. See our instruction leaflet "Reactive Resins". Using MC-DUR PowerCoat Cat reduces the working time available. You may therefore find that trowel and spiking marks remain. Only material with the same accelerator content should be processed on contiguous/continuous surfaces. Prior to curing, the fresh coating will have a greater tendency to attract dirt and undergo soiling. Depending on local conditions, early water exposure can influence the gloss level. Exposure to chemicals and light can lead to colour variations; however, such phenomena do not normally impair suitability for use. Chemically and mechanically stressed surfaces will inevitably tend to undergo usage-related wear and tear. Regular inspections and maintenance are therefore recommended.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 1.16	at 20 °C
Working time	minutes	approx. 10	at 20° C and 50 % rel. humidity
Application conditions	°C	≥ 10 ≤ 30	Temperatura del aire, soporte y material
	%	≤ 85	rel. humidity
	K	3	above dew point

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

Delivery form	2.5 litre canister
Storage	Can be stored in cool (below 20°C) and dry conditions for 24 months in original unopened packs. Protect from frost.
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.

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. [2400020408]