

# MC-DUR PowerCoat 200 AS

Conductive sealer for MC-DUR PowerCoat 260 AS



## PRODUCT PROPERTIES

- High mechanical and chemical resistance
- Solvent-free, without plasticisers
- Electrostatically conductive according to TRGS 727

## AREAS OF APPLICATION

- Chemical and petrochemical industry
- Washing and tank cleaning plants
- REACH-assessed exposure scenarios: application, periodical inhalation, periodical water contact

## APPLICATION ADVICE

**Substrate:** Suitable substrates are exclusively conductive top coats of the MC-DUR PowerCoat system with conductive sprinkled grain.

**Mixing:** MC-DUR PowerCoat 200 AS consists of four components: component A (base), component B (hardener), component C (additive), and MC-DUR PowerCoat Color (pigment), which are supplied in containers with quantities matched to each other. Shake containers of components A and B before use. First, add component A and stir in MC-DUR PowerCoat Color (pigment). Then, slowly add the aggregate (component C) while the stirring tool is running and mix until lump-free. Component B is then emptied completely from the PE canister into the mixture. The components are stirred with a slow-speed stirrer until a homogeneous, streak-free mixture is obtained. The mixing time depends on the prestorage temperature of component C. At 15 to 25 °C, a mixing time of 3 minutes must be observed.

**Processing:** The unbound sprinkled grain must be removed before applying the top seal. After mixing, MC-DUR PowerCoat 200 AS is poured onto the substrate and immediately spread evenly with a hard rubber float. Immediately afterwards, roll with a short-pile lambskin roller. Overcoat thicknesses must be carefully rolled.

**Special instructions:** Consumption quantities, processing time, walkability, and load-bearing capacity depend on temperature and the object. See the information sheet "Processing of Reaction Resins." Please note the following with regard to batch colors.

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	2.5 : 2.6 : 2.55 : 0.15	base component : hardener component : aggregate : pigment
Density	g/cm <sup>3</sup>	approx. 0.96	
Working time	minutes	approx. 15	at 20° C and 50 % rel. humidity
Accessible after	hours	approx. 12	at 20° C and 50 % rel. humidity
Resilient after (full)	hours	48	at 20° C and 50 % rel. humidity
Application conditions <sup>1)</sup>	°C	> 15 < 30	air and substrate temperatures
	%	< 85	rel. humidity
	K	3	above dew point
Layer thickness	mm	1	maximum
Consumption	kg/m <sup>2</sup>	0.6 - 0.8	

1) Viscosity and consumption depending on material temperature.

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	Green, Grey, Yellow, Red
Delivery form	5.1 kg pair of containers and 2.55 kg PE bucket
Storage	Can be stored in cool (below 20°C) and dry conditions for 12 months in original unopened packs. Protect from frost.
Packaging disposal	Make sure single-use containers are completely empty.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG Allj (550/500 g/l) < 500 g/l VOC
GISCODE : PU40	

**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. [2600030757]