

Colusal Speed Primer

Rapid curing corrosion protection primer



PRODUCT PROPERTIES

- Two-component, low-solvent, fast-curing primer based on the KineticBoost-Technology
- Increased Working time and accelerated curing
- Curing not related to temperature and moisture influence
- Short waiting time between two work steps
- Primer with active corrosion protection pigments

AREAS OF APPLICATION

- Active corrosion protection primer under coatings based on the KineticBoost-Technology
- Application even under bad weather conditions
- REACH-assessed exposure scenarios: periodical water contact, periodical inhalation, application

APPLICATION ADVICE

Substrate Preparation: The steel surfaces to be coated must be prepared in accordance with Sa 2 ½ (DIN EN ISO 12944-4). The surfaces must be dry, free from surface rust and any other contaminants. Quartz-free grit blasting is suitable for cleaning.

Mixing: See leaflet "General Application Advice - Reactive Resins".

Application: Following substrate preparation Colusal Speed Primer is immediately applied using a roller, a brush or by airless spraying. The waiting time until over coating is 2 - 12 hours (at + 20°C) after application of the corrosion protection primer. Preferably coating materials of the same material base (e. g. MC-DUR TopSpeed, MC-DUR 2494 CTP or MC-DUR LF 680) should be used and applied in two layers.

General Information: Coverage, application times, resistance to foot traffic and time until full resistance are determined by temperature and site properties and condition. See also leaflet "General Application Advice - Reactive Resins". Thorough mixing of the base- and hardener component must be observed. Following mixing the material is to be filled into a clean container (re-potting) and mixed again. Exposure to chemicals and UV-light may cause colour changes, which usually do not affect the properties and usability of the coating. Mechanically and chemically exposed surfaces are subject to wear and tear. Regular check-ups and continuous maintenance are advised.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	3 : 1	base component : hardener component
Density	g/cm ³	approx. 1.59	
Viscosity	mPa s	approx. 1,900	at 20° C and 50 % rel. humidity
Working time	minutes	approx. 60	at 20° C and 50 % rel. humidity
Overworkable after	hours	> 2 < 12	at 20° C and 50 % rel. humidity at 20° C and 50 % rel. humidity
Application conditions ¹⁾	°C	≥ 2 ≤ 35	air, substrate and material temperatures
	%	≥ 50	temperature must not fall below dew point
Consumption ²⁾	g/m ²	approx. 180 - 200	
Resilient after (full)	days	2	at 20° C and 50 % rel. humidity

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

1) Viscosity and consumption depending on material temperature. For ideal consumption quantities and application properties, a material storage at approx. 20 °C is recommended.

2) 90 - 100 µm dry layer thickness per pass

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	reddish brown
Delivery form	5 kg packs
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 (500 g/l) ≤ 500 g/l VOC

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : PU50

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. [2300018176]