Colusal Speed Primer

Rapid curing corrosion protection primer

BE SURE. BUILD SURE.

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.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	3 : 1	base component : hardener component
Density	g/cm³	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	at 20° C and 50 % rel. humidity
		< 12	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/m²	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 AII/j (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

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