CODE OF PROCESSING PRACTICE CORROPIPE [®] CEM 40grey Corrosion protection			
Product description:	 2-component solvent-free mineral coating which hardens hydraulically The combination of selected natural minerals plus a high-grade reactive fluid component produces the ready-for-use mixture CEM 40 grey. The outstanding product properties include: Very good application on stable, rusty steel surfaces, concrete and stoneware Resistance from pH 14 down to pH 3.5 Temperature stability from -40 °C up to 200 °C in the humid environment High adhesion force to steel, concrete and stoneware The material's expansion coefficient is the same as that of steel Coating will not come off due to infiltration after a mechanical damage Resistant against technically treated water Neutral regarding drinking water Vapour permeability 		
Ground preparation:	When viewing the steel surface without enlargement, it must be free of oil, grease, pain coatings and any loose separating substances. Rolling skin and mill scale must be removed by sandblasting. Stable rust can remain on the steel. Degree of purity according to ISO 8501-1 Sa1. A small amount of residual humidity (no free water) can be tolerated.		
Cleaning:	Ultrahigh water pressure with rotating nozzles Distance of nozzles from surface < 2 cm, with direct withdrawal by suction in order to avoid soiling of previously cleaned surfaces Operating pressure \ge 2,000 bar, \ge 14l/min. Alternative procedures: Sandblasting, grinding		
Mixing process:	Shake the fluid component included in the delivered package (in plastic container) well add it to the powder component and mix the two components so that no lumps are formed (using a wing-type agitator is a must). Let the mixture rest for at least 15 minutes, then mix well again and apply only after this step.		
Processing period:	The processing period of the ready-for-use mixture is around 2 hours at an ambient temperature of 20 ℃. Low temperatures will prolong the processing period, high temperatures will reduce it. The mixing location should be protected against direct solar radiation.		
Processing:	 Painting, centrifugating, spraying Brush or roll Centrifugating by means of a pneumatic motor with a lamellar head Airless spraying pressure ≥ 100 bar (prior to spraying, the finished mixture must be fed through a shaking screen of < 0.5 mm mesh size.) 		

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Consumption figures:	Coating layer thickness > 1 mm (1.8 kg/m²) on corroded steel surfaces In the airless spraying process, up to around 25% more material may be consumed.		
	work step can follow when the	ed must be applied in two or more work steps. The next surface of the previous work step is surface-dry. nax. is to be applied in each work step as otherwise cracks	
	At high ambient temperatures a than 8 hours, the material m moistened with water in order t As CEM 40 grey is a hydraulio	above 20 °C, low air humidity and work interruptions of more ay be dried out. In this case, the dry surface must be o avoid bubbles in the newly applied material layer. cally hardening mineral material, intervals of up to 48 hours a spray steps when the air humidity is high and ambient).	
Putting into operation:	Surface is strong and suitable for walking after 12 hours at an ambient temperature of 20 $^{\circ}\!\mathrm{C}.$		
Surface quality:	Smooth to orange skin-like appearance (when spraying)		
Layer thickness:	The layer thicknesses must be checked using suitable measuring equipment and respected.		
Technical values:	Powder component: Component A, high-quality mineral component. Fluid component: Component B, aqueous polymer dispersion with additives.		
Material colour:	Grey		
Processing temperature:	Not below 5 °C, avoid direct solar radiation when applying an exterior coating. The mixing location should be protected against direct solar radiation.		
Cleaning of equipment:	With water		
Material density:	Wet 1.8 kg = 1 litre o	f finished mixture	
Storage:	12 months, store in a dry place, not below 0 $^{\circ}\mathrm{C}$		
Material safety measures: As with cement products. Store unde children. Flush thoroughly with water soiled or soaked clothing from the bo gloves/face protection during work.	in case of eye contact. Remove any	Hazard notes: Irritates the eyes and the skin Hazardous material for transport: No Environment: The material can be disposed of on a household waste dump after hardening.	
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obligation. The information must be a	adapted to the building objects in que Terms of sale and delivery. Recomm	experience and according to the best of our knowledge, but without stion and the particular requirements. On condition of the above, we rendations made by our employees and deviating from our codes of	

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VMB CORROPIPE CEM 50 black