

CVC™ M7

Quartz Based Surface Hardener

Product Description	Containing quartz aggregate, cement, chemical additives, corrosion-resistance and high resistance to impact, industrial coating applied to the surface of fresh concrete.	
Product Code	101	
Areas of Application	<ul style="list-style-type: none"> • Loading-unloading areas, warehouses, docks, shipyards • Airplane hangars, helipads, underground train stations • Pedestrian ways, sidewalk, park-gardens, underground passages • Parking lot, garage, vehicle maintenance and gas station • Factories, power plants, mechanical workshops • Schools, malls, new joints of the houses and commercial buildings 	
Technical Data	Color	In grey, red, green and desired special colors
	Packaging	25 kg craft sacks
	Open for Traffic	
	<i>Pedestrian traffic</i>	1–2 days
	<i>Vehicle traffic</i>	7–15 days
	<i>Free traffic</i>	28 days
	Mohs Hardness	7
	Wear Resistance	2,6 cm ³ /50cm ² with Bohm method. (28 days, after applied on the C25 class concrete)
	Consumption	Depending on the intended use and traffic load; approximately (4,0–9,0 kg/m ²). Should be used less than 5,0 kg in light-colored applications.
	Storage	Shelf life of approximately 12 months in a cool and dry environment. Put 6 bags stacked up on top of the condition.
Surface Preparation	In order to obtain a healthy application and solid floor, the new poured concrete should be at least C–25 class or 350 dosed concrete. It is useful to use a suitable CVC Primer as an adhesive between old and new concrete. CVC M7 should be applied when a 3-5 mm thickness of foot print is left on the surface upon stepping down on the concrete. There shouldn't be much water on the surface. Accumulated water must be taken away from the surface and the surface must be moisturized.	
Preparation	Product is ready to be implemented.	
Application Procedure	Two third of the material is spread on the surface homogeneously and waited to be evenly moisturized (color change should be observed). Material is fed into the concrete by tray glazing and concrete integration is ensured. Remaining one third of the material is spread on the surface and waited to be evenly moisturized (color change). Then smooth the surface. After reaching the surface hardness that allows walking, finishing glaze is done on the material in order to get a high quality surface. When CVC M7 application is over, it is recommended to use CVC Cure material in order to prevent early drying and wet shrinkage cracks and increase surface performance.	
General Conditions	The above mentioned information was obtained with our careful research and experimentation in order to guide the application. Variety of materials and construction conditions cannot be controlled or affected individually. Incidents beyond our control are only limited to warranty on product quality. No warranties on application are implied other than manufactured product. This technical data sheet nullifies any prior technical data sheet. The quality and performance of the product is relative to the utilization technique. In case of a doubt a small test or getting technical support is recommended.	
Disposal	Empty packaging can be disposed of according to local and state regulations, or can be collected in recycling bins. Waste material must be disposed as construction waste after dried completely. Incinerating the waste product is dangerous.	
Safety Information	Keep products out of reach of children. Keep product sealed at all times. Using protective gear such as goggles and gloves is recommended. In case of skin contact the surface must be cleaned with fresh water and soap. In case of eye contact a physicians must be seen immediately. Further information can be obtained from safety data sheet.	