

Cuore ERM 2000

Composition	Cuore ERM 2000 is a 3-component, solvent free, epoxy based mortar.
Application	Cuore ERM 2000 is applied as a repair mortar or as a leveling mass for different substrates as sand cement and concrete.
Technical properties	Density Resin + Hardener 2350 kg/m ³ Compressive strength(DIN 53454) ~ 80 N/mm ²
Pre-treatment substrate	To ensure a permanent bonding of a synthetic finish, a correct pre-treatment of the substrate is necessary. In general it is assumed that all substrates to be finished must be free of grease, oil, dirt, moisture and other contaminations that may influence the adhesion with the substrate in a negative way. This applies to both existing and new substrates. New cement based substrates must be at least, 4 to 6 weeks old, and must have a moisture content of no more than 3%, measured according to the calcium carbide method, before Cuore ERM 2000 can be applied. Before the Cuore ERM 2000 is applied, the substrate needs to be fitted with a primer from the Cuore range. On concrete floors and sand cementitious screeds, Cuore EP 1300 can be applied as a primer. A manual about substrate pre-treatment is available on request.
Consumption	The consumption of the Cuore ERM 2000 depends on the roughness of the substrate. The applied layer thickness must be at least 5 mm! The consumption at 5 mm layer thickness is about 12,5 kg/m².
Mixing ratio	1,67 Parts by weight Resin 621303 0,83 Parts by weight Hardener 821303 25 Parts by weight Filler 015627
Temperature substrate	min. 10 °C and max. 30 °C. The temperature of the substrate must be at least 3 °C above the dew point.
Relative humidity	min. 30 % and max. 80 %
Application temperature	min. 10 °C and max. 30 °C
Application temperature material	min. 15 °C and max. 25 °C
Mixing procedure	1) Open the container with the resin and mix the material till it is homogenous. 2) Open the container with the hardener and add the hardener to the resin.

Datum	artikelnummer
6/12/2021	903030

	3) Mix both components mechanically about 2 minutes till a homogenous mixture is formed. A well mixed material is uniform in color without containing clear or dark spots. 4) To avoid mixing errors or unmixed residue; pour the mixed material into a clean and empty container and mix again for a short time. Never use unmixed residue of the material. 5) Open the bag with the filler and empty this in a large mixing tub. 6) Make a hole in the filler and add the mixture of resin + hardener. Now mix the whole mechanically during 2 minutes minimum.
Application time	The application time of the Cuore ERM 2000 at 20 °C is about 25 to 30 minutes. Note: At a temperature rise of 10 °C the application time will reduce by half. At a temperature reduction of 10 °C the application time will double.
Drying and curing	The drying and curing times of the Cuore ERM 2000 at a consumption of 12,5 kg/m² are as follows: - recoatable : after 16 hours and a maximum within 48 hours at 20 °C - fully cured : after 7 days at 20 °C
Colour - structure - gloss	Sandbrown - smooth - glossy
Packaging	27,5 kg packaging set
Precautions	It is important that applicable requirements for working with synthetics are adhered to. It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When processing Cuore ERM 2000, especially in small, enclosed spaces, it is recommended to ventilate very well.
Tools	Cuore ERM 2000 can be applied with: - straight trowel
Tool cleaning	Used tools can be cleaned with Cuore Tool Cleaner.
Shelf life	In the original, unopened packaging, stored in a dry place between 5 °C en 25 °C, Cuore ERM 2000 has a shelf life of 24 months minimum. Note: Cuore ERM 2000 may not be stored or exposed to temperatures beneath 5 °C. Note: in time, a form of separation may occur. It is necessary to mix up the material to a 100% smooth, homogenous mass before the B and C component are added. When in doubt about the homogeneity and / or fineness, we advise to first pass the material through a sieve before



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further use. If the material can no longer be mixed up to a homogeneous, smooth mass, you can contact Cuore for advice.