

TECHNICAL DATA

CORU TC 302

PRODUCT DESCRIPTION

CORU TC 302 is a solvent-free, two-component, colored, smooth-finished, top coat floor coating material with excellent chemical and mechanical resistance.

FEATURES

- It is a coating that can be applied without joints, is easy to clean, does not require maintenance and meets health standards, with a wide range of color options.
- It is easy to apply, can be applied without grouting, and is easy to clean.
- It is resistant to alkalis, oil, grease and waste.
- Prevents dust formation in reinforced concrete coatings, increases their durability and ensures longevity.
- It is a coating resistant to mechanical impacts and wear and tear that may occur due to friction or chemical effects.
- There is no harm in using it in areas where hygiene is required.
- Its adhesion strength is very high.

AREAS OF USE

- Food, Laboratories,
- Car Services
- Parking lots,
- Chemical and Pharmaceutical Industry
- Production Facilities, Offices,
- shops,
- Business Centers
- Industrial kitchens,
- Animal Farms

APPLICATION

Surface preparation:

Mechanical surface preparation (blastrack, rotatiger etc.) should be done. The dust layer formed should be swept with industrial vacuum cleaners, the surface to be applied should be solid, dry and clean. Any dust, oil, paraffin, bitumen and adherence reducing parts that will prevent adhesion to the surface should be cleaned and all loose parts such as mortar, plaster etc. should be cleaned from the surface. Concrete quality should be at least C20/25, 28 days old. The tensile strength of the reinforced concrete surface should be 1.5 N/mm², humidity rate should be 4%, and the ground surface temperature should be +8 °C. The success of the application depends on the correct preparation of the ground and the correct use of the material. Abrasion and roughening process is carried out with the method to be selected according to the condition of the surface. The surface is completely cleaned of dust with an industrial vacuum cleaner and made ready for application. After the surface preparation is completed, all surfaces are primed with CORU EP 101 Solvent-free epoxy primer.

Mixing Method:

CORU TC 302 is balanced according to the appropriate amount of mixture in two-component packages. (A component: resin, B component: hardener). Ready-to-use material is obtained by mechanically mixing these two components very well. All of the B component is poured into the A component at once and the mixture should be mixed using a low-speed (300-400 rpm) mixer and a suitable tip until it becomes homogeneous. In order to achieve the same distribution of the hardener, the mixer should be mixed from the edges of the container and from the bottom of the package to the top.

Application:

CORU TC 302 is poured onto the surface and applied with a notched trowel or special roller in the desired thickness. Following the application of CORU TC 302, a spiked roller is applied to the coating to prevent the formation of bubbles in the coating and to ensure its release.

- The material must be protected against water, rain, external factors and mechanical stress until it has set.
- It should be noted that the waiting time may be shorter in hot weather and longer in cold weather.

TECHNICAL SPECIFICATIONS

Colour	In various ral colours
Mixture density	1,5 kg/lt
Mixture viscosity	900 ± 1.500 mPa
Shore D (7 days)	90 ± 5
Adhesion strength	> 2 N/mm ²
Compressive strength (R + S)	~80 N/mm ²
Flexural strength (R + S)	~55 N/mm ²
Abrasion resistance	58 mg

STORAGE, PACKAGING, CONSUMPTION

- It should be protected from adverse weather conditions.
- It should be stored in a dry, cool, closed environment (+10°C and +25°C).
- The opened and mixed product should be consumed immediately.
- Component A: 16 kg tin - Component B: 4 kg tin
- 0,300 – 0,400 kg/m² , 220 – 250µ kuru film

SAFETY AND WARNINGS

- In applications to be carried out in closed areas, the environment should be well ventilated.
- In cold weather, packages must be stored at least 24 hours and at a minimum temperature of +15°C before application.
- After application, the surface must be protected against water, rain, dew, snow, hail, frost and similar climatic effects until it is completely dry.
- Do not approach with open flame and do not smoke during application.
- Use gloves, goggles and protective clothing.
- In case of contact with skin, wash with soap and plenty of water.
- Do not swallow, do not use empty packages to store food, and do not throw them into fire.
- For professional use only, keep out of reach of children.
- Users should refer to the latest Material Safety Data Sheets, which include physical, ecological, toxicological and other safety-related data, for information and advice on the safe handling, storage and disposal of chemical products.