

SYSTEM

POLYURETHANE CEMENT AUTOPAVA CRETE PC SYSTEM



COMPOSITION

The **Autopava Crete PC** system is identified in a resin coating with a thickness, which can be mixed with suitable quartz aggregates in suitable granulometry.

The system consists of formulations used as adhesion promoters (**Reform + Trico Bar**), and thick top-coats with aggregates of suitable granulometry (**Autopava Crete PC**) essential for the realization of the resin coating. These materials developed in our laboratories are composed of resins of polyurethane nature, free from solvents and harmful substances, 100% solid and characterized by fillers suitably designed for the required purpose.

PRESTAZIONI RICHIESTE SECONDO UNI 10966



INTENDED USE

Specific product for food environments due to its high chemical resistance, e.g. slaughterhouses, dairies, etc.

Floors subject to the transit of vehicles ensuring impermeability and resistance to oils and gasoline with hydraulic sealing of surfaces; garages, parkings, ramps, attics.

Chemical-resistant versions available (for oils, gasoline, etc...).

Operating range from -20°C. to + 100° C



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TECHNICAL SPECIFICATIONS	RESULTS	ANALISYS METHOD
Mixing Ratio (*)	mix PART A with the correct % by weight of PART B by mixing well with a mixer at low speed, (mix the packages separately to resuspend any sediment). Add PART C in a suitable granulometric curve according to the guidelines in the Operating Instructions.	13 IST 21
High Solid Content (**)	100 ± 2 % according to the internal test lab methods.	ASTM D 2369 EN ISO 3251
Drying and hardening (**)	touch dry after a maximum of 7 hours at 20±2°C, complete hardening after 1 day depending on the environmental temperature.	ASTM D 1640 EN ISO 866
Recoating (**)	Compatibility and over-coating, refer to our Technical Office.	ASTM D 1640
Consumption and Yield (*)	(theoretical) 5,000-6,000 kg/m ² - thickness of 4 mm approx.	13 IST 03
Appearance of the Film (*)	Colour: Grey, Ochre, Red, Green. Appearance: matt.	/
Slipperiness	Dynamic friction coefficient > 0,40	B.C.R.A. D.M. 14.6.89
Anti-slip	Degree of Roughness > R10-R12 (ref. Granulometry)	DIN 51130
European Classification Reaction to Fire	B _{fl} -s2 (Class 2 ref. Italian Standard)	EN 13501-1 / EN ISO 9239-1 EN ISO 11925-2
Tools Washing	with polyurethane thinner.	/
Storage Life	6 months in the original sealed packaging, in ventilated and dry environments at room temperature and not lower than + 10 ° C.	/

(*) Tests performed according to the methods indicated in the internal control plan. No film tests RIF. ISO UNI EN 13892 - 2 (high thickness).
(**) Typical Values

TECHNICAL DATA

After 7 days at 25 ± 2°C

The system is not self-supporting according to UNI10966, but conditioned by the support; specimens made not in film but according to UNI EN 13892-2.

Adhesion to concrete (MPa) ASTM D 4541 EN 1542	> 2,5
Thermal expansion coefficient (cm/cm°C)	1,5 E-5
Compressive resistance (MPa) UNI 13892/2	> 60
Flexural Strength (MPa) UNI 13892/2	18 ± 5
Elastic Module (MPa).	14000-16000

Preparation of surfaces	Mechanical or manual abrasion, shot peening, sanding.
Application	Toothed spatula or doctor blade, with temperatures not lower than 15°C and higher than 30°C. We recommend the use of a spiked roller to eliminate the incorporated air. Since the film produced is almost impermeable, bubbles or detachments can be generated in the presence of humidity.
Packs & Colors	Plastic containers, colors available according to PAVA color chart. ΔE Cielab < 5,0 non-binding.
Rules to be observed	Scrupulous observance of the hygiene rules in use for the handling of resins (Circ. Min. Lav. 46/1979 and 61/1989). For info refer to our safety data sheet.



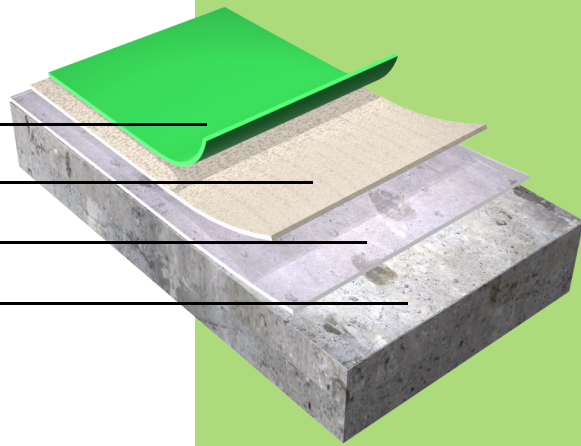
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AUTOPAVA CRETE PC

TRICO BAR PAVA

ADHESION PROMOTER

CONCRETE



The indications contained in the technical data sheet are the most up-to-date available at our disposal on which we reserve all appropriate changes; however such information must be considered without any binding value and will not demonstrate any contractual legal relationship or ancillary obligation with the purchase contract. Since the use of the product also takes place outside of our control, the responsibility for the incorrect use of the product falls exclusively on the user and therefore does not involve the assumption of our guarantee and responsibility for the final result of the work. Moreover, they do not exempt the customer from the burden and exclusive responsibility of verifying the suitability of our products for their use and the intended purpose; in addition, the customer is required to verify that the values shown in the technical data sheet are also valid for the batch of product of interest and are not obsolete and/or replaced by successive editions. This sheet cancels and replaces the previous ones.

System Data Sheet 3016- Emiss. Nr. 1 Rev. 1 of 03/02/2020

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Anti Dustiness



Anti Slip



Heavy wheeled traffic resistance



Light wheeled traffic resistance



Impact Resistance



Wear Resistance



Flatness correction



Decontaminability



Abrasion resistance



Impermeability



Partial impermeability to oil, aggressive liquids



Chemical Resistance



Light impact resistance



Chromatic homogeneity

