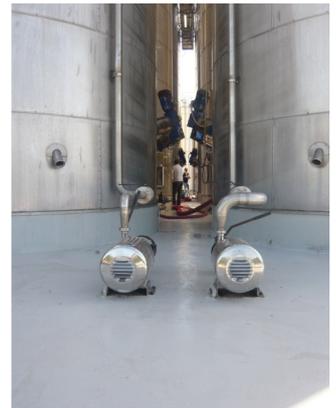


SYSTEM

PIGMENTED COATING PAVAFLOOR 1 - THIN FILM



COMPOSITION

The **Pavafloor 1** system is a solvent-free resin film coating with good chemical and mechanical resistance.

The system consists of products used as adhesion promoters (**Aggrappante Pava 100**), film intermediates (**Pavafloor vers.**) and top-coats essential for the realization of the resin coating.

These materials developed in our laboratories are composed of resins of epoxy nature, free from solvents and harmful substances, 100 % solid and characterized by fillers properly studied for the required purpose.

Through the use of specific adhesion promoters it is possible to optimize the adhesion in relation to the different types of support; even in the presence of counterthrust humidity (consult our technical office).

PRESTAZIONI RICHIESTE SECONDO UNI 10966



INTENDED USE

Industrial floors, warehouses, garages, underground car parks, bicycle lanes, recreational areas, kindergartens, car showrooms and/or dealerships, etc..

Operating range from -10°C. to +40°C



**PIGMENTED COATING
PAVAFLOOR 1 - THIN FILM**

TECHNICAL SPECIFICATIONS	RESULTS	ANALISYS METHOD
Mixing Ratio (*)	mix the BASE product with the correct % by weight of REAGENT mixing well with a mixer at low speed, (mix separately the Base package before adding the Reagent to resuspend any sediment).	13 IST 21
High Solid Content (**)	98 ± 2 % according to the internal test lab methods.	ASTM D 2369 EN ISO 3251
Drying and hardening (**)	touch dry after a maximum of 12 hours at 20±2°C, hardening after 3-5 days depending on the environmental temperature. Tendency to opacification and clouding in environments with low temperatures (< 10°C) and high RH (> 70%).	ASTM D 1640 EN ISO 866
Recoating (**)	after 12/24 hours depending on the temperature and the thicknesses obtained. Compatibility and over-coating, refer to our Technical Office.	ASTM D 1640
Consumption and Yield (*)	(theoretical) 0,100-0,250 kg/m ² - mass per layer.	13 IST 03
Appearance of	Glossy or satin.	/
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} -s1 (Class 1 ref. Italian Standard)	EN 13501-1 / EN ISO 9239-1 EN ISO 11925-2
Tools Washing	with nitro 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 (highthickness).
(**) 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	> 3,0
Abrasion resistance (1Kg 1000 cycles) ASTM D 4060 EN ISO 5470/1	< 30 mg
Shore Hardness UNI EN ISO 866	> 97 A
Thermal expansion coefficient (cm/cm°C)	2,5 E-5
Compressive resistance (MPa) UNI 13892/2	75 ± 10
Flexural Strength (MPa) UNI 13892/2	28 ± 5
Elastic Module (MPa).	6500-8000
Scratch Hardness ISO 1518 ASTM D5178 – D2197)	≥ 500 g
Buchholz Resistance ISO 2815)	≥ 105
Resistance to negative hydraulic pressure with Trico Bar Pava (2.0 kg/m ²) UNI 8298/8	2,5 bar

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

Metal 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.



PIGMENTED COATING PAVAFLOOR 1 THIN FILM

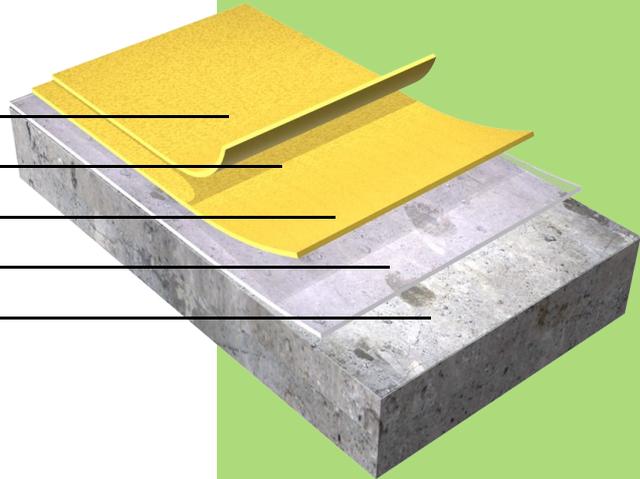
COLOURED TOP-COAT

QUARTZ AGGREGATES

RESIN INTERMEDIATE

ADHESION PROMOTE

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 3007- 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

