

Pava Pool®

Chlorine-resistant paint for surface staining of concrete pools

Composition

Pava Pool is a UV-resistant coloured paint based on synthetic resins in water emulsion with high hiding power, used for surface tinting of concrete pools and swimming pools. The product is suitable for continuous contact with chlorine (in moderate concentration) normally used for the sanitising treatment of swimming pools. Pava Pool is not suitable for coating pools containing drinking water.

Real VOC < 50 g/l.

Quality

The product undergoes careful and constant testing in our laboratories. The raw materials used are rigorously selected and controlled.

Liquid product characteristics

Specific weight	1,26 ± 0,05 kg/dm ³
High solid mass content	60 (±1) %
Residue at 450°C	30 (±1) %
Brookfield viscosity	Thixotropic.

Laying instructions

Equipment	Dilution	Type of thinner	Tool washing
Brush	5% Ready to use	H ₂ O	H ₂ O
Roller	5% Ready to use	H ₂ O	H ₂ O
Airless	5% Ready to use	H ₂ O	H ₂ O

Underlying

The substrate must be adequately clean, free of oil, grease and dust. The substrate must be prepared in order to remove the friable surface layer and soluble salts and to roughen the surface to improve the adhesion of the subsequent resin coating. Prior to application of Pava Pool, the surface must be treated with a suitable anchoring primer for wet substrates.

Appearance

Medium-viscous pigmented liquid.

Consumption

0.600 kg/m² distributed in 2 to 3 layers.

Directions for application

Ambient temperature MIN 10 °C - MAX 35 °C
Ambient relative humidity MAX 90
Media temperature MIN 10 °C - MAX 40 °C.

Drying at 23°C and 50% R.H.

On the surface: 2 - 3 h To the touch: 5 h
Recovery time: > 12 h

The times indicated refer to standard laboratory conditions. Drying times are strongly influenced by weather conditions; high temperatures and direct sunlight accelerate drying; shadows and low

temperatures slow down drying. In winter periods, concentrate application in the middle and hottest hours of the day. Always check that the previous layer is completely dry before proceeding with a new application.

Colours and packs

Available in packs of 5,000 and 10,000 kg in the colours Light Blue, White, Sand.

Storage

12 months if stored between min. 5° C and max. 40° C.

Warnings

Pava Pool cannot be regarded as a waterproofing product but is a coloured finish with aesthetic value. After the application of Pava Pool, it is necessary to wait a period of 3 - 4 weeks for the product to dry and cure before filling the pool with water. Any use of the pool before the timeframe described above could diminish the material in its curing phase and thus promote undesirable instabilities. Sanitising treatment must necessarily be carried out with chlorine-based products and not with ozone.

It is recommended to periodically check the wear condition of Pava Pool considering seasonal or annual maintenance of the treated surfaces.

PERIODIC MAINTENANCE

Annually and in order to maintain the aesthetic quality, we recommend repainting, even punctually, the surfaces.

The maintenance work is to be carried out as follows:

Sand the surfaces with sandpaper in order to remove loose parts and promote adhesion of the new paint

Wash thoroughly under low pressure removing sanding residues

Proceed with a two-coat painting of the worn portions, while in areas in good condition it is advisable to recoat at least one coat.

During all laying phases of the cycle and until the rain stops, the surfaces must be protected from rain (a temporary cover is recommended) without any hindrance to proper ventilation. Slight differences in colour shade may exist between the various production batches and it is therefore advisable to use colours of the same batch on the same surface.

Avoid direct contact between concentrated products (disinfectants, PH correction products) and Pava Pool.

Excessively concentrated shock treatments can degrade the coating.

Pava Pool is a product that is applied in an environment that is subject to severe deterioration. Exposure to direct light and/or through water can result in bleaching of the film and changes in colour.

Avoid prolonged contact with plants as they may leave traces on the painted surface, therefore it is recommended to cover outdoor pools out of season.

It is recommended to carefully observe the instructions in this sheet and to implement the maintenance programme.

We do not recommend the use of products that, upon opening the container, should show signs of instability and/or degradation including thickening, crystallization, gelatinization, sedimentation, flotation, etc. due to improper storage of the material (temperature/humidity) either during transport or in the final storage or finally for use after the expiration date

It is highly recommended that, before using Pava products, you attend the applicator course. Anyone who uses these products without being licensed to do so does so at his or her own risk and without the responsibility of the manufacturer.

Technical Notes

With damp substrates or with counterthrust moisture $\geq 4\%$ (measured with calcium carbide), blistering, blistering or detachment of the applied layers is possible.

In these cases, it is possible to manage the problem through the prior application of Trico Bar with a vapor brake function. Such a product should be applied in 2 coats for a total consumption of at least 1.5 kg/sqm. Consult the product's technical data sheet and the Technical Office for appropriate indications.

UNI Standard 11835

The UNI 11835 standard, in force since 2021, defines and certifies the figure of the applicators and commercial technicians of resin systems for horizontal and vertical interior and exterior surfaces, outlining their basic requirements, the set of knowledge, skills, autonomy and responsibilities that within the construction supply chain must distinguish and characterize these professional figures in

their relations with public and private clients, companies, designers and specifiers.

The UNI 11835 standard incorporates the knowledge introduced by the new edition of the UNI 10966 standard and profiles the sector's operators more precisely, highlighting the sector's typical features. In addition, the standard delineates resin systems operators by dividing them into four professional figures (specialized resin systems installer, foreman resin systems installer, foreman decorative resin systems installer, and sales technician). For each professional figure, the relevant tasks are described, as well as the knowledge and skills required to perform them.

The field of resin coatings therefore requires, as described above, competence and professionalism. These can be certified according to UNI CEI EN ISO/IEC 17024 through a patent obtained through an exam (written, practical and oral test) taken with a third-party certified body, as defined by UNI 11835.

It is strongly recommended to join professionalizing activities in order to acquire the professional qualification license so as to possess the competences and skills listed in the prospectuses of the aforementioned UNI 11835 standard, which can be associated with level 4 as per the QNQ classification (Recommendation 2017/C189/03, Annex II). Therefore, no responsibility can fall on the manufacturer in case the operator is not in possession of the qualification license and the consequent validated skills, in case of improper use or flaws in the works carried out, as the products must be intended for strictly professional use.

Product for professional use

Keep out of the reach of children. During use and drying, ventilate the premises well. Do not eat, drink or smoke during use. Wear protective gloves and goggles during use and use the usual precautions for handling chemicals. In case of contact with eyes or skin wash immediately with plenty of water and seek medical advice. In case of ingestion contact a poison control center or doctor immediately. Air the premises before staying there.

The above products are found to have a low environmental impact and make it possible to abate solvent pollution while improving quality, safety and hygiene for the user. We recommend scrupulous compliance with the hygiene regulations in use for handling resins (Circ. Min. Lav. 46/1979 and 61/1989). For info ns safety data sheet.

QR-CODE

The label of each product shows the relevant QR-CODE for viewing and downloading the data sheet. In case of failure to download, please contact the Technical Department.

The information contained in the technical data sheet is the most up-to-date information available to us on which we reserve the right to make any necessary changes; however, this information must be considered as having no binding force and does not prove any legal contractual relationship or accessory obligation with the purchase contract. Since the use of the product also takes place outside of our control, responsibility for the incorrect use of the product lies exclusively with the user and therefore does not imply the assumption of any of our warranties and responsibilities for the final result of the workings. Any warranty statement for effectiveness purposes requires express and specific written confirmation by Pava Resine Srl. They also do not dispense the customer from the exclusive duty and responsibility of verifying the suitability of our products for their intended use and purposes; moreover, the customer is required to verify that the values given in the data sheet are also valid for the batch of product of his interest and are not superseded and/or replaced by later editions. This data sheet cancels and replaces the previous ones. For the rest, please refer to our General Terms and Conditions of Supply, in particular also regarding liability for any defects. Our General Terms and Conditions of Supply are available on our website at www.pavaresine.com

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3 di 3