RESIN
DATA SHEET

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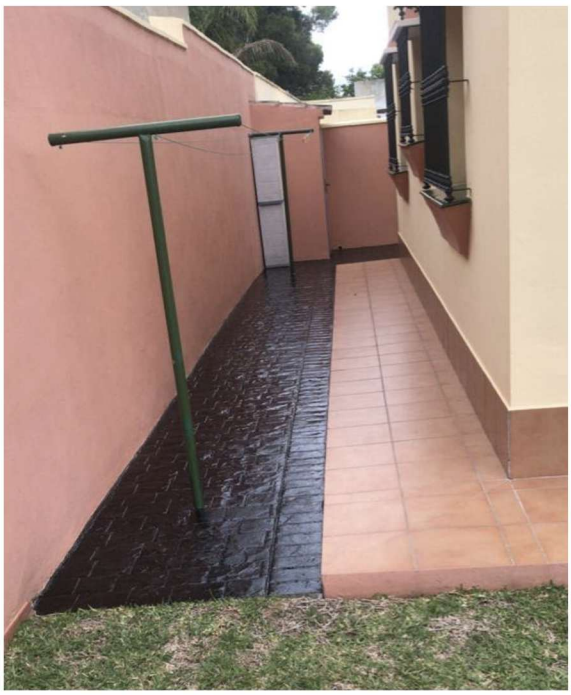
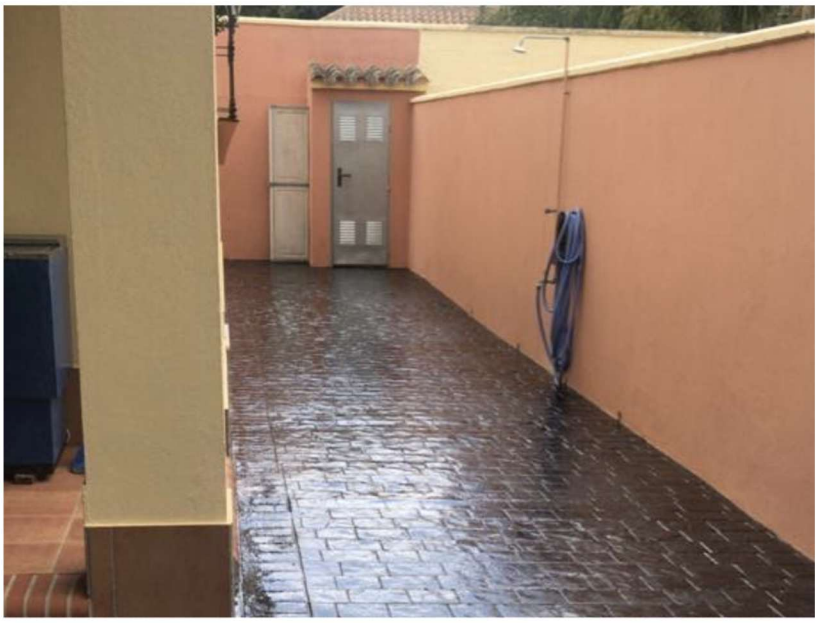
PRODUCT
Transparent, solvent-based water-repellent. Specially designed for printed concrete floors. (Printed Concrete Resin).



DEFINITION
Specific varnish for printed concrete formulated with higly resistant and penetrating, solvent-based, one-component thermoplastic resins. This product has a great penetration power on any type of porous mineral used in construction: brick, mortar, porous stone, and printed concrete.

RECOMMENDED USES
Finishing system intended for the protection of floors that are not exposed to a high degree of mechanical fiction. This product helps beautify and protect different surfaces made of printed concrete, porous natural stone, and cement from being attacked by aggressive encironmental agnets, it is ideal for both indoor and outdoor use. Use whenever the ideal conditions for painting a floor are not met. This product provide protection for printed concerete, highlighting the natural colour of the pavement and increasing its durability.



TECHNICAL PROPERTIES
-Elastic.
-Very good adhesion.
-Resistance to atmospheric agents such as rain, solar ultraviolet radiation, and gases.
-Resistance to abrasion and impact.
-Resistance to chemical agents.
-Does not yellow. Does not blister. (Except in application in full sun).
-Increases the durability of concrete and provide a renewed appearance to the treated surface.
-No sagging.
-Permanent and long-lasting protection.
-Optimal hardness and performance.

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TECHNICAL DATA

Gloss (60º Geometry) (*)	Regulation: Une en ISO 2813 Specified: glossy.
Colour	Regulation: Une en ISO 3668 Specified: Transparent.
volume of solids	Regulation: Une 48090-82 (ISO 3233) 67% +- 0.05
Theoretical yield: (**)	UNE 48 282-94 6-8 m2/l per coat.
Flash point:	UNE-EN 456 24oC SETA-FLASH Closed cup.
Specific weight:	UNE en Ivo 2811-1 0,90 +- 0.05 kg/L.
Dry to the touch:	UNE 48301 30 minutes at 23ºC.
Handling:	6 hours at 23ºC.

VOC: UNE en ISO 3251 Directive COV 2004/42 (II) Cat A/h2. EU limit value 750g/l (2010). Maximum for this product is 749g/l.

(*) Gloss: Satin/Semi matte depending on the structure and absoption of the surface.
(**) Practical performance: Depends on the application system, surface characteristics, and environmental conditions.

APPLICATION

Brush/roller method - airbrush: 1.2-1.5mm nozzle.
Airless: (*) 0.017-0.019" nozzle.
Thinner: Thermoplastic acrylic solvent, special premium solvent or the one used for the top coat.
Recommended thickness: 100 microns wet - 30 microns dry.
Recoat interval: Minimum 6-8 hours - Maximum none.
Temperature: 10ºC - 30ºC.
Relative humidity: Maximum 80%. The substrate humidity must be at least 3ºC above the dew point to avoid problems arising from condensation.
(*) The instructions regarding spray application are for guidance only.

SAFETY

Avoid direct contact with the skin. Wear gloves, a mask, and protective eyewear during application. In case of contact with the eyes, skin, or mucus membranes, rinse immediately with water, clean the affectedarea, and consult a doctor. Provide ventilation when applying the product indoors. Avoid prolonged inhalation and use respiratory protection if necessary. For more information, request the safety data sheet.

STORAGE

One year from manufacture, in its original, unopened container, under cover, avoiding frost and direct sunlight. Packaging: 750ml, 4L, 15L, 20L, and 25L.

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SURFACE PREPARATION

Mix the product thoroughly before use. It is advisable to shake the product several times during use. Prior preparation: No special preparation is required; only the surface must be clean and dry, and completely free of grease and oil, as it is usual with any painting process. The pavement must have the necessary curing or air-maturing time. For outdoor application, do not apply if rainfall is expected, during hours of full sun with very high temperatures, or on days with excessively high humidity. If the surface was previously painted, ensure that it is in good condition and well adhered. New surfaces: After completing the prior preparation of the surface, the surface must be completely clean of anything that could affect the adhesion of the varnish to said surface. Proceed with a thorough cleaning of the surface and apply the product according to the previous instructions. Painted surfaces: If the enameled surface is in good condition, clean the surface of any dirt and grease, if any, and then proceed with normal painting. If the surface is not in good condition, remove any layers of paint that are not perfectly adhered and then proceed as indicated for new or unpainted surfaces. For outdoor application, to achieve the best results and fully utilize the product's properties, it is recommended to apply two coats of the product. Restoration and maintenance: On paint in good condition, sand gently to open the pores, checking that the substrate has optimal adhesion. If the substrate is in poor condition, remove the paint using mechanical or chemical means and proceed as with a new substrate.

ADDITIONAL DATA

Equipment cleaning: Use a universal solvent in room temperature. Application conditions: Apply on surfaces that are derived from the normal practice of a good painting process. If the product is applied below 10°C or above 30°C, the set of characteristics listed in this technical data sheet could be negatively affected. The drying and repainting time values are based on the data cited above Combinations of low temperatures and high humidity during the process can cause prolonged drying times and a lack of hardening of the product. Application conditions: Apply a thin coat, ensuring even distribution of the product. Do not overload the surface; a thin coat is sufficient to provide excellent protection. The surface dries to the touch in 20-30 minutes, depending on atmospheric conditions, and can be walked on after approximately 6 hours. Notes: Stock paint may experience a significant increase in viscosity compared to original levels due to polymerization of the resins contained in the drying additives. Although application on vertical concrete surfaces is more difficult, it can also be used in these cases by diluting the product 150% to 200% with a medium-evaporation solvent. If the product is used as a dust protector, the floor must be sealed by applying the product until saturated, thus eliminating its porosity. **THE PRODUCT SHOULD NOT BE APPLIED ON "NON-POROUS" SURFACES**, ceramic, vitrified ceramic, non-porous stones, or any surface that does not have sufficient pores for the product to adhere.

REVISION: 03/01/2022