

Seire

PROBITANO AUTONIVELANTE

Pavement PU resin

100% solid

Solvent-free

Can be mixed with sand

High mechanical and chemical resistance

Excellent adhesion

Easy to clean

For indoor and outdoor use



SEIRE PRODUCTS, S.L.

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Pavement PU resin

Product description:

PROBITANO AUTONIVELANTE is a solvent-free, two-component coloured polyurethane fluid resin for execution of self-levelling coatings with high planimetry and high mechanical and chemical performance.

After curing, PROBITANO AUTONIVELANTE is resistant to the passage of water, chemicals, frost, and weather.

Applications:

Parking , hangars, production and processing areas, kitchens, etc.

Laboratories and industrial spaces in food, pharmaceutical and chemical sectors.

Storage areas and motorized goods tanks.

Garages.

Indoor and outdoor use.

Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm², must be dry (residual humidity less than 4%), hard, sound and free of laitance, grease, oils, waxes, dust or other loose particles such as paint, release agents, limescale, mortar, plaster, adhesive residues, etc., which may impair adhesion-

Prepare the substrate using specialist machinery shot blasting or diamond tools depending on the state of the substrate. Vacuum the substrate.

Properly treat and seal all joints or gaps in the concrete substrate where differential movement is expected (for example expansion joints).

When applied on metal surfaces, sandblasting should be used for cleaning/preparation up to Sa2½ grade. A final clean is recommended with a suitable solvent. Ensure solvent is completely dried off before applying primer.

Primer:

Prior to apply PROBITANO AUTONIVELANTE, prime the substrates using the primer in our portfolio best fitting substrate and application conditions.

To ensure sufficient binding efficiency and absence of bubbles, and especially where surfaces are very porous, more than one coat may be needed to achieve uniform priming which is free from pores and dry areas and which compensates for differences in absorption between different areas of the substrate.

The second layer should be applied as soon as the first is sufficiently cured. The curing time varies depending on ambient and surface temperature.

Note that higher temperatures shorten time of use and lower temperatures lengthen it.

Do not allow the primer dry for any longer than indicated in its technical data sheet. Otherwise, it will need to be sanded and re-primed.

Mixture:

Stir the individual components of PROBITANO AUTONIVELANTE before mixing.

Pour the contents of component B into the container of component A and mix the two components thoroughly with a stirrer at low revolutions for a minimum of 3 minutes.

Part of the mixture can be put back into the container of component B to gather up residues remaining in the container. The mixture which has been put back into the container of component B can then be returned to the mixing container and stirred for a further 30 seconds. This mixing process ensures the product's consistency and that any residual resin remaining in the containers reacts, facilitating subsequent management of residues.

It is not advisable to carry out partial mixtures by volume.

After mixing both components, 1Kg of PROBITANO AUTONIVELANTE, will remain workable for 25 minutes at temperatures between 18°C and 20°C.

If Pot-Life is exceeded the mixed product loses its characteristics and should be disposed of.

Recommendations:

After mixing the two components of PROBITANO AUTONIVELANTE, use immediately. During the final period of the mixture's useful life and because of its strong reactivity, it will heat up causing a sharp decline in its Pot-Life. The heat increases in proportion to the amount of resin remaining in the container.

In these cases (high temperature) do not touch the drum. In case of fumes, cover with the lid, but do not close, and, using the handle, place somewhere cool and well ventilated or somewhere outdoors to prevent the accumulation of gases.

Note that higher temperatures shorten time of use and lower temperatures lengthen it.

All SEIRE products are manufactured subject to rigorous quality controls and procedures; however, if strict colour consistency is required, you are advised to use products taken from the same lot.

Limitations:

Do not use PROBITANO AUTONIVELANTE where ambient and/or substrate temperatures are less than 10°C or less than 3°C above the dew point.

Do not use where ambient and/or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%.

Because of the aromatic nature of the material, applications might affect its colour when exposed to UV light.

Method of application:

After mixing components A and B, add approximately 500 grams of SEIRECUARZO 0.4 per kilo of mixture. Pour the material over the primed substrate and distribute with a notched trowel, to control thickness. Treat immediately with a spiked roller, allowing trapped air to escape, until all bubbles have been removed

For proper levelling, a minimum thickness of 2mm is required.

Do not add solvent or thinners at any stage.

Consumption:

Mortar (1:0.5) Approx. 1.7 kg/m²/mm

Cleaning of tools and equipment:

PROBITANO AUTONIVELANTE can be cleaned immediately after use with a solvent such as ARDEX RTC. If the product is allowed to harden, it will have to be removed mechanically.

Residues/spillages:

Any spillage from any of the components must be removed immediately with sand, vermiculite or other inert material and collected in a suitable container for proper handling and treatment.

Residues from spillage and empty containers must be dealt with in accordance with local regulations.

See product safety sheet for further information.

Storage:

PROBITANO AUTONIVELANTE can be stored for up to 12 months in its original unopened packaging. The product should be stored in a dry place between 5°C and 30°C. Keep away from frost, direct sunlight and sources of heat.

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Precautions:

Causes irritation to eyes and skin, depending on sensitivity. Hazardous to health if swallowed.

May cause burns in case of prolonged exposure. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.


Wear safety goggles and gloves while mixing and during application.

If applying indoors, ensure that the site is well ventilated. For further information, see the product safety sheet. Once dry, the product is physiologically and ecologically neutral.

Technical data

(based on tests conducted in our laboratory according to current regulations)

Mixing ratio:	As indicated on packaging.
Density:	Approx. 1.5kg/l
Consumption:	1.7kg/m ² /mm (1:0.5 mortar)
Workability time (20°C):	Approx. 25 minutes.
Recoatable (20°C):	After 16 h. approx.
Chemical resistance:	After 7 days.
Compressive strength (UNE EN 196-1):	Mortar 1:0.3 with sand 0,4mm Approx. 45N/mm ²
Packaging:	Kits of 20Kg net.
Storage:	Approx. 12 months in a dry place and in original unopened packaging.

	
SEIRE PRODUCTS SL. C/ Los Muchos P.I. Albolleque Sector III 19160 Chiloeches- Guadalajara 10	
8004452 EN 13813-2002 PROBITANO AUTONIVELANTE Synthetic Flooring Resin EN 13813:SR-IR4-B2,0-AR 0,5	
Emission of Corrosive Substances:	SR
Abrasion resistance BCA:	AR 0.5
Tensile adhesion strength:	B 2.0
Impact resistance:	IR4
Reaction to fire:	Bfl-s1

Seire takes responsibility for the quality of its products. The application recommendations given are based on tests and practical experience.

We will not be held responsible for the product or its application in case of any dosage or application other than as described and recommended. For any questions about this product, please contact our Technical Department. This data sheet remains valid until a new edition is issued.

Seire do not takes responsibility for the content of data sheets collected on internet from sites other than the official Seire (www.seire.net)

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