

Seire

PROBITANO AUTONIVELANTE

Self-levelling PU resin, 100% solids

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.

P.I. Albolleque, Sector III
C/Los Muchos, 34-36
19160 - Chiloeches (Guadalajara)
T. 34 902 124 411
F. 34 902 124 414
seire@seire.net

PROBITANO AUTONIVELANTE

Self-levelling PU resin, 100% solids

Product description:

Solvent-free, two-component coloured polyurethane resin for execution of high mechanical and chemical performance flooring.

In combination with 0.3-0.4 mm quartz sand, PROBITANO AUTONIVELANTE can be applied as a highly even, selflevelling coating.

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

Applications:

- Flooring requiring a good finish and good resistance to abrasion.
- Laboratories and industrial spaces in food, pharmaceutical and chemical sectors.
- Storage areas and motorized goods tanks.
- Garages.

Substrate Preparation:

The surface must be level, dry, hard, solid and free of laitance, grease, dust or other loose particles such as paint, limescale, mortar, plaster, adhesive residues, etc., which may impair adhesion to the substrate.

Remove all traces of varnish, waxes, fats, oils and similar contaminants prior to mechanical preparation.

Prepare substrate using specialist machinery; sanding, milling 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).

The substrate must have a tensile strength greater than 1.5 N/mm².

Primer:

Prior to applying PROBITANO AUTONIVELANTE, prime the substrate using SEIREPOX IMPRIMACIÓN or a primer from our range as best suits the substrate and application conditions.

To ensure sufficient binding efficiency and absence of bubbles, and especially where surfaces are very porous, more than one primer layer 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 to dry for any longer than indicated in its technical sheet - otherwise, it will need to be sanded and re-primed.

Mixture:

Stir the individual components of PROBITANO AUTONIVELANTE before mixing.

Thoroughly mix the two components with a mixer at low speed for a minimum of 3 minutes.

Part of the mixture can be reintroduced into the hardener container to gather up residues remaining in the container. The mixture which has been reintroduced into the hardener container can 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.

After the two components are mixed, 1kg of PROBITANO AUTONIVELANTE remains workable for 25 minutes at a temperature between 18°C and 20°C.

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.

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%.

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

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.

Method of application:

After mixing components A and B, add approximately 300-400 grams of 0.3-0.4 mm quartz sand 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.

Approximate consumption:

PROBITANO AUTONIVELANTE (1:0.4) 1.7 kg/m²/mm

Tool cleaning:

PROBITANO AUTONIVELANTE can be cleaned from tools and equipment immediately after use using 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 products 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.

For more information see product safety sheet.

PROBITANO AUTONIVELANTE

Self-levelling PU resin, 100% solids

Storage:

PROBITANO AUTONIVELANTE can be stored for up to 12 months in 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.

Precautions:

Causes irritation to eyes and skin, depending on sensitivity. Hazardous to health if ingested. Can cause allergic reaction.

Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.

Safety goggles and gloves must be worn at all times while the product is being mixed and when applying the product.

If applying indoors, ensure that the site is well ventilated. For more information see product safety sheet. After drying, 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. 1.4kg/l
Yield:	1.7kg/m ² /mm (1:0.4 ratio)
Workability time (20°C):	Approx. 25 minutes.
Resistance:	Mechanical strength after 24 hours. Chemical resistance after approx 7 days.
Initial curing (20°C):	After 7 h. approx.
Full cure (20°C):	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

8001490
EN 13813-2002
PROBITANO AUTONIVELANTE
Polyurethane resin for coatings
EN 13813:SRB2,0-AR 0,5

Emission of Corrosive Substances:	SR
Compressive Strength:	PND
Flexural strength:	PND
Resistance to wear:	AR 0.5
Adhesion:	B 2.0
pH:	PND
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)

Edition: July 2016

