

# Seire

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## PROBITANO AUTONIVELANTE ELASTICO

**Elastic PU resin for flooring**

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100% solid

Solvent-free

Elastic and comfortable flooring

Can be mixed with sand

Excellent adhesion

Good abrasion resistance

Good chemical resistance

Easy cleaning

Indoor and outdoor use



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# PROBITANO AUTONIVELANTE ELÁSTICO

## Elastic PU resin for flooring

### Product description:

PROBITANO AUTONIVELANTE ELÁSTICO is a solvent-free two-component polyurethane coloured resin, to perform self-levelling, high evenness, elastic flooring with good chemical and abrasion resistance.

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

### Applications:

Floors requiring elasticity to stand small movements, vibration or substrate expansion.

Comfortable flooring

Pavilions and sports courts.

### Substrate Preparation:

The substrate must have a tensile strength greater 1.5 N/mm<sup>2</sup> and must be dry (rh<4%) hard, sound, and free of grout, grease, oil, wax, dust and other loose particles such as paint, release agents, traces of lime, mortar, plaster, adhesive residues, etc., that may impair adhesion.

Prepare substrate using specialist machinery; sanding, milling or diamond tools depending on the state of the substrate. Vacuum the substrate.

Carry out repair work and fill any holes and cracks using the most appropriate product from the SEIRE range.

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

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 when applying primer/coating.

### Primer:

Prior to applying PROBITANO AUTONIVELANTE ELÁSTICO prime the substrate with 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 is recommended 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 ELÁSTICO before mixing.

Pour the contents of component B into the container of component A and mix thoroughly the two components with a mixer at low speed for a minimum of 3 minutes avoiding inclusion of air. 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.

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

After the two components are mixed, 1kg of PROBITANO AUTONIVELANTE ELÁSTICO 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 ELÁSTICO, use immediately. Towards the end of the mixture's useful life and due to its high level of reactivity, the mixture will heat up, resulting in 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 ELÁSTICO 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 chemical nature of the material, applications might yellow when exposed to UV light.

### Method of application:

After mixing components A and B, add approximately 300 grams of SEIRECUARZO 0.4 per kilogram of mixture. Higher proportions of aggregate will compromise elasticity. Pour the material over the primed substrate and distribute with a notched trowel, to control the thickness. Treat immediately with a spiked roller to allow entrapped air to escape, until all bubbles have been removed.

Do not add solvent or thinner at any stage.

### Consumption:

Mortar 1:0.3                      Approx. 1.6Kg/m<sup>2</sup>/mm

### Cleaning of tools and equipment:

PROBITANO AUTONIVELANTE ELÁSTICO 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 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.

### Storage:

PROBITANO AUTONIVELANTE ELÁSTICO 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.  
Harmful 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 always be worn while the product is being mixed and during application.

If applying indoors, ensure that the site is well ventilated. After curing, the product is physiologically and ecologically neutral.

For more information see product safety sheet.

### Technical data

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

<b>Mixing ratio:</b>	As indicated on packaging
<b>Density:</b>	Approx. 1.2kg/L
<b>Consumption:</b>	1.6kg/m <sup>2</sup> /mm (for 1:0.3 ratio)
<b>Workability time (20°C):</b>	Approx. 25 minutes
<b>Chemical resistance:</b>	After 7 days
<b>Recoatable (20°C)</b>	Approx. 24 h
<b>Compressive strength (UNE EN 196-1):</b>	Mortar 1:0.3 with sand 0,4mm Approx. 10N/mm <sup>2</sup>
<b>Hardness Shore A:</b>	Approx. 90
<b>Packaging:</b>	Kits of 20kg
<b>Storage:</b>	Approx. 12 months in a dry place and in original unopened packaging



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11

**8004453**  
**EN 13813**  
**PROBITANO AUTONIVELANTE ELÁSTICO**  
Self-levelling resin flooring  
EN 13813:SR-B2,0-IR14-AR 0,5

Emission of Corrosive Substances	SR
Tensile adhesion strength	B 2.0
Impact resistance	IR 14
Abrasion resistance BCA	AR 0.5
Reaction to fire	Cfl-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 will not be held responsible for the content of technical data posted on websites other than the official Seire website ([www.seire.net](http://www.seire.net)).*

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ARDEX GROUP