



SEIREPOX IMPRIMACION HUMEDAD

**Epoxy resin for application on damp and dry
substrates**

Primer for continuous polymeric pavements and water membranes

Easy to apply

Excellent adhesion on mineral substrates with residual moisture

Primer on metallic substrates

High corrosion resistance

Solvent-free (100% solids)

Benzyl alcohol free

For indoor and outdoor use



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Epoxy resin for application on damp and dry substrates

Product description:

SEIREPOX IMPRIMACION HUMEDAD is a two-component epoxy resin, without solvents or benzyl alcohol, with excellent wetting properties formulated with hardeners designed for use as primer of SEIRE epoxy and polyurethane paints on metallic and mineral substrates with residual moisture.

After curing, SEIREPOX IMPRIMACION HUMEDAD is resistant to the passage of water, chemicals, ice and weather.

Applications:

- Primer for epoxy and polyurethane products on concrete or mortar substrates with residual moisture up to 6%
- Primer on metallic substrates
- Primer with corrosion protector effect
- Primer for SEIRE WP impermeabilization membranes
- For indoor and outdoor use

Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm², can be wet but not waterlogged (residual humidity less than 6%), 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).

In the case of new concrete, SEIREPOX IMPRIMACION HUMEDAD should be applied no sooner than 7 days following its installation. In summer and in warmer zones this time can be shortened, but always ensure that substrate moisture content is less than 6% prior to application.

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 SEIREPOX IMPRIMACION HUMEDAD.

Mixture:

Stir the liquid components of SEIREPOX IMPRIMACION HUMEDAD 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 45 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.

The first coat of SEIREPOX IMPRIMACION HUMEDAD must always be applied pure (without modifying with sand, solvents or similar).

To ensure sufficient binding efficiency and absence of air bubbles, more than one layer of SEIREPOX IMPRIMACION HUMEDAD may be needed where substrates are very porous 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.

Limitations:

Do not use SEIREPOX IMPRIMACION HUMEDAD 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 90%.

Because of the epoxy nature of the material, applications might yellow when exposed to UV light.

Not applicable on substrates with permanent hydrostatic pressure.

Method of application:

As primer of epoxy and polyurethane products:

Apply first coat of SEIREPOX IMPRIMACION HUMEDAD in pure form (without addition of sand, paint thinner etc) with brush or short/medium nap roller.

Drying times depend on ambient temperature and substrate moisture.

The primer must be completely dry to the touch, with at least 24 hours elapsing at 20°C before second coat and topcoats are applied.

Do not allow more than 72 hours to pass at 20°C; otherwise, it will need to be sanded and re-primed.

To ensure insulation from moisture, apply a second coat of primer before applying the polymeric flooring finish.

When applying dry resin mortars, the second coat of primer must still be wet.

In multilayer systems the second coat of primer should be mixed and dusted with SEIRECUARZO 0.4 and 0.6 respectively.

When necessary, application may be by Airless at 200 bar pressure with a 417 nozzle and a 50 mesh filter.

Consumption:

Approx. 250-350g/m² depending on substrate porosity.

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Cleaning of tools and equipment:

SEIREPOX IMPRIMACION HUMEDAD 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 component 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 further information, see product safety sheet.

Storage:

SEIREPOX IMPRIMACION HUMEDAD can be stored for up to 12 months in its original unopened packaging. Store in a dry place at temperatures between +5°C and +30°C. Keep away from icy conditions, direct sunlight and heat sources.

Precauciones:

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 more information, see product safety data sheet. Once dry, the product is physiologically and ecologically neutral.

For further information see the product safety sheet.

Technical data

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

Mixing ratio:	As indicated on packaging
Density:	Approx. 1kg/L
Consumption:	250-350 g/m ² /coat
Workability time (20°C):	Approx. 45 minutes
Recoatable on dry substrates (20°C):	8 hours
Recoatable on damp substrates (20°C):	24 hours
Chemical resistance:	After 7 días
Packaging:	Kits of 20kg
Storage:	Approx. 12 months in a dry place and in original unopened packaging



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8001451
EN 13813-2002
SEIREPOX IMPRIMACION HUMEDAD
Synthetic resin flooring
EN 13813:SR -B2,0

Emission of Corrosive Substances:	SR
Tensile adhesion strength:	B 2.0

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.

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ARDEX GROUP