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## **SEIREPOX IMPRIMACION**

### **Solvent-free epoxy resin**

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Very good adhesion on mineral substrates

Primer and hardener

Fills cracks in concrete flooring

Adherent for continuous polymeric flooring

Solvent-free (100% solids)

Easy to apply

Can be mixed and/or dusted with sand

For indoor and outdoor use



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# SEIREPOX IMPRIMACION

## Solvent-free epoxy resin

### Product description:

SEIREPOX IMPRIMACIÓN is a solvent-free fluid, two-component epoxy resin with excellent wetting properties for use as a surface hardener, filler and as a primer with SEIRE epoxy and polyurethane paints.

After curing, SEIREPOX IMPRIMACIÓN is resistant to the passage of water, chemicals, frost and weathering.

### Applications:

- Sealant and hardener of concrete and mortar flooring.
- Filling cracks and cut joints.
- Primer for epoxy and polyurethane products on concrete or mortar substrates.
- For indoor and outdoor use.

### Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm<sup>2</sup>, 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 to the substrate.

Prepare the substrate using specialist machinery - sanding, milling 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, wait at least 28 days following installation before applying SEIREPOX IMPRIMACION. In summer and in warmer zones this waiting period can be reduced, but always ensure that substrate moisture content is less than 4% before application.

### Mixture:

Stir the liquid components of SEIREPOX IMPRIMACION 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 SEIREPOX IMPRIMACION, will remain workable for 30 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 SEIREPOX IMPRIMACION use immediately. Towards the end 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 accumulation of gases.

Where surfaces are very porous and to ensure sufficiently effective bonding and absence of air bubbles, more than one layer of SEIREPOX IMPRIMACION may be required 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 will be applied as soon as the first layer is sufficiently cured. This curing time varies according to the ambient and surface temperature.

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

### Limitations:

Do not use SEIREPOX IMPRIMACION 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 epoxy nature of the material, applications might yellow when exposed to UV light.

### Method of application:

#### 1. As a hardener for concrete floors:

Apply SEIREPOX IMPRIMACIÓN generously on the substrate using a rubber squeegee. To level and finish use a thread or short/medium nap roller. A single application will be sufficient. If necessary, on very absorbent and porous substrates, apply a second layer 12 to 24 hours after application of the first.

#### 2. Acting as filler of cracks and cut joints:

Makes holes at a depth of 2/3 the slab's thickness, separated by a distance of 10 cm and with a minimum diameter of 12 mm. Make a cut with a circular saw perpendicular to the direction of the crack and, if necessary, reinforce with metal staples.

Before filling with SEIREPOX IMPRIMACIÓN, vacuum and blow the cracks, holes and cuts to remove all dust and dirt.

Non-continuous hairline cracks can be closed with SEIREPOX IMPRIMACIÓN without using any filler. Generally, SEIREPOX IMPRIMACIÓN can be mixed with fine silica sand.

In the case of cracks which are 5mm wide, an approximate mixture ratio is recommended (by weight) of 1: 0.5 parts of SEIREPOX IMPRIMACIÓN with SEIRECUARZO 0.4.. For wider cracks, use a higher dosage of filler.

#### 3. As a primer for epoxy and polyurethane products:

Apply SEIREPOX IMPRIMACIÓN by brush or short/medium nap roller.

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

The primer should be completely touch dry, waiting a minimum of 16 hours at 20°C before the application of the top layers.

Never wait longer than 48 hours at 20°C. Otherwise, it will be essential to sand and re-prime.

When applying dry resin mortars, the primer should be fresh.

In multilayer systems the primer should be mixed and sprinkled with SEIRECUARZO 0.4 and 0.6 respectively.

### Consumption:

Approximate consumption is 200-300 g/m<sup>2</sup> depending on the porosity of the substrate.

### Cleaning of tools and equipment:

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

# SEIREPOX IMPRIMACIÓN

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### 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:

SEIREPOX IMPRIMACIÓN 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.

### Precautions:

Hazardous to health if swallowed.

May cause burns in case of prolonged exposure. Avoid contact with eyes and skin. In case of contact, 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. Once dry, 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. 1.1kg / L
<b>Consumption:</b>	For surface application, depends on substrate porosity. Approx. 200-300g/m <sup>2</sup> / layer
<b>Workability time (20°C):</b>	Approx. 30 minutes
<b>Recoatable (20°C):</b>	Approx. 16 hours
<b>Chemical resistance:</b>	After 7 days
<b>Packaging:</b>	Kits of 10 kg and 20kg
<b>Storage:</b>	Approx. 12 months in a dry place and in original unopened packaging



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**8001448**  
**EN 13813-2002**  
**SEIREPOX IMPRIMACIÓN**  
Synthetic Resin for 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.*

*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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