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## SEIREPOX AUTONIVELANTE CONDUCTIVO

**Self-levelling, two-component epoxy with  
antistatic properties**

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Topcoat in dissipative and conductive systems.

Solvent-free (100% solids).

Easy application.

Smooth and coloured finish.

Clean and easy to maintain.

High chemical and mechanical resistance.



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# SEIREPOX AUTONIVELANTE CONDUCTIVO

## Self-levelling, two-component epoxy with antistatic properties

### Product description:

SEIREPOX AUTONIVELANTE CONDUCTIVO is the topcoat of the conductive system.

A fluid, solvent-free, two-component epoxy mortar applied as a self-leveller; it enables execution of flooring which conducts/dissipates static electricity, with a smooth coloured finish, easy to clean, easy to maintain, waterproof and high mechanical and chemical performance.

The conductive / dissipative system requires the application of a primer of the type SEIREPOX IMPRIMACIÓN, SEIREPOX IMPRIMACIÓN SNELL, SEIREPOX IMPRIMACIÓN HUMEDAD, etc, to which an earthed copper frame is affixed. The following coat is done with SEIREPOX IMPRIMACIÓN CONDUCTIVO which is finally coated with the coloured layer of SEIREPOX AUTONIVELANTE CONDUCTIVO. Total thickness 2mm.

**For details on execution of the complete system refer to the corresponding System Data Sheet.**

### Applications:

- Operating theatres.
- Warehouses and areas used to store explosives or flammable products.
- Robotised areas.
- Rooms with highly sensitive electronic or IT equipment.

### Substrate Preparation:

Make sure that the substrate is level and primed; the film must be completely dry and free of grease, dust or other loose particles that might impair adhesion.

The substrate must have a tensile strength greater than 1.5 N/mm<sup>2</sup>.

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

### Primer:

Prior to applying SEIREPOX AUTONIVELANTE CONDUCTIVO, prime the substrates with SEIREPOX IMPRIMACIÓN CONDUCTIVA (see corresponding data sheet for the proper procedure to follow).

### Mixture:

Stir the individual components of SEIREPOX AUTONIVELANTE CONDUCTIVO 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 SEIREPOX AUTONIVELANTE CONDUCTIVO remains workable for 35 minutes at a temperature between 18°C and 20°C.

### Recommendations:

After mixing the two components of SEIREPOX AUTONIVELANTE CONDUCTIVO, 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 or outdoors.

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

### Limitations:

Do not use SEIREPOX AUTONIVELANTE CONDUCTIVO 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:

Once components A and B are mixed, add 300 grams of 0.4 mm quartz sand per kilo of mixture. Pour the material over the primed substrate and distribute with a 5x5mm notched trowel, to control the maximum thickness of 1.5mm.

Treat immediately with a spiked roller to allow entrapped air to escape, until all bubbles have been removed, resulting in an even, level surface with uniform colour.

Do not add solvent or thinner at any stage.

### Consumption:

Approximate consumption of SEIREPOX AUTONIVELANTE CONDUCTIVO is 2.5kg/m<sup>2</sup> per 1.5mm layer (with 0.4mm aggregate in a 1:0.3 ratio).

### Tool cleaning:

SEIREPOX AUTONIVELANTE CONDUCTIVO 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.

See product safety sheet for further information.

### Storage:

SEIREPOX AUTONIVELANTE CONDUCTIVO 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:

Causes skin and eye irritation. 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. See product safety sheet for further information. After drying, the product is physiologically and ecologically neutral.

# SEIREPOX AUTONIVELANTE CONDUCTIVO

## Self-levelling, two-component epoxy with antistatic properties

### 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. 1.35kg/l
<b>Yield:</b>	1:0.3 mixture with 0.4mm aggregate: 2.5kg/m <sup>2</sup> per 1.5mm layer.
<b>Workability time (20°C):</b>	Approx. 35 minutes.
<b>Light Traffic (20°C):</b>	6 hours
<b>Dry to touch (20°C):</b>	1 day
<b>Full cure (20°C):</b>	7 days
<b>Resistance:</b>	Mechanical strength after 24 hours. Chemical resistance after approx 7 days.
<b>Flexural strength (UNE EN 196-1):</b>	Mortar 1:1 with sand 0,4mm >33N/mm <sup>2</sup>
<b>Compressive strength (UNE EN 196-1):</b>	Mortar 1:1 with sand 0,4mm Aprox. 90N/mm <sup>2</sup>
<b>Packaging:</b>	Kits of 20 kg net
<b>Storage:</b>	Approx. 12 months in a dry place and in original unopened packaging.



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8001447  
EN 13813-2002  
SEIREPOX AUTONIVELANTE CONDUCTIVO  
Interior selflevelling resin flooring  
EN 13813:SRB2.0-AR 0.5

<b>Compressive Strength:</b>	PND
<b>Flexural strength:</b>	≥20 N/mm <sup>2</sup>
<b>Abrasion Resistance (Böhme):</b>	PND
<b>Adhesion:</b>	≥2 N/mm <sup>2</sup>
<b>pH:</b>	PND
<b>Reaction to fire:</b>	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](http://www.seire.net))*

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