

Seire

SEIREPOX IMPRIMACIÓN CONDUCTIVO

Highly conductive water-based epoxy primer

Conductive layer for AntiStatic systems

Water-based

Odourless

Easy to apply

High yield

Black colour

Use for conductive self-levelling systems and for conductive paint

Indoor and outdoor use



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Highly conductive water-based epoxy primer

Product description:

SEIREPOX IMPRIMACIÓN CONDUCTIVO is a black, two-component water-based epoxy resin with conductive filler for use as a conductive layer in the execution of AntiStatic flooring.

Applications:

- Operating theatres
- Warehouses and storage areas for explosive or flammable products
- Robotic areas
- Rooms with highly sensitive electronic or IT equipment

Substrate Preparation:

Prime the substrate using SEIREPOX IMPRIMACIÓN or using a primer from our portfolio as best suits the substrate conditions. The film must be completely dry and free of grease, dust or other loose particles which might impair adhesion.

Do not let the primer dry for longer than indicated on the corresponding data sheet. If the primer dries out, it will need sanding and re-priming.

Mixture:

Stir the individual components of SEIREPOX IMPRIMACIÓN CONDUCTIVO before mixing.

Pour the contents of component B into the container of component A and 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 container of component B to gather up remaining residues. The mixture which has been reintroduced 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 any of 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 SEIREPOX IMPRIMACIÓN CONDUCTIVO remains workable for 40 minutes at a temperature between 18°C and 20°C.

If the pot life is exceeded the mixed product loses its characteristics and should be discarded.

Recommendations:

An induction time of about 5-10min (20°C) after mixing both components is advised before using the material.

Because the material is water-based, it does not heat up as it approaches the end of its pot life, which is signalled by a significant increase in viscosity.

Note that higher temperatures shorten pot-life and lower temperatures lengthen it.

Limitations:

Do not use SEIREPOX IMPRIMACIÓN CONDUCTIVO where ambient and/or substrate temperatures are less than 10°C or less than 3°C above dew point.

Do not use where ambient and/or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%.

Method of application:

Apply SEIREPOX IMPRIMACIÓN CONDUCTIVO with a medium nap roller.

In systems with self-adhesive copper tape, make sure there is good contact with the tape but be careful not to detach it or

damage it.

To ensure that the system functions properly, make sure that application is homogeneous and continuous.

SEIREPOX IMPRIMACIÓN CONDUCTIVO must be completely touch dry before applying topcoats - allow at least 16 hours at 20°C. Do not allow more than 48 hours to elapse at 20°C, otherwise it will need to be re-primed.

Conductive self-levelling system:

Requires application of a primer like SEIREPOX IMPRIMACIÓN, SEIREPOX IMPRIMACIÓN SNELL, SEIREPOX IMPRIMACIÓN HUMEDAD, etc, onto which an earthed copper frame is affixed. Then coat with SEIREPOX IMPRIMACIÓN CONDUCTIVO and finally top-coat with a coloured layer of SEIREPOX AUTONIVELANTE CONDUCTIVO.

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

Conductive paint system:

Requires application of SEIREPOX R CONDUCTIVO as a conductive paint finish. If high conductivity to ground is required in the flooring system, use the system with SEIREPOX IMPRIMACIÓN CONDUCTIVO conductive primer and earthed copper frame.

Consumption:

Approx. 100 g/m²

Cleaning of tools and equipment:

SEIREPOX IMPRIMACIÓN CONDUCTIVO can be cleaned immediately after use with water. If the product is allowed to harden, it will have to be removed mechanically.

Residues/spillages:

Remove any spillage from any of the components immediately with sand, vermiculite or other inert material and collect 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 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. Protect from frost, direct sunlight and heat sources.

Precautions:

Causes irritation to eyes and skin, depending on sensitivity. Hazardous to health if ingested.

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

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.

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Technical data

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

Mixing ratio:	As indicated on packaging
Density:	Approx. 1 kg/L
Consumption:	Approx. 100 g/m ²
Workability time (20°C):	Approx. 40 minutes
Recoatable (20°C):	Approx. 16h
Resistivity (IEC 61340-4-1):	< 100kΩ
Packaging:	Kit of 10 kg
Storage:	Approx. 12 months in a dry place and in original unopened packaging

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).

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