

Seire

SEIREPOX IMPRIMACIÓN SNELL

Fast curing epoxy resin

Very good adhesion on mineral substrates

Surface hardener

Fast curing

Primer for continuous polymeric flooring

Solvent-free (100% solids)

Good wetting and penetration power

Easy to apply

Can be mixed and/or dusted with sand

For indoor and outdoor use



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SEIREPOX IMPRIMACIÓN SNELL

Fast curing epoxy resin

Product description:

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

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

Applications:

- Sealant and hardener of concrete and mortar flooring.
- Primer for epoxy and polyurethane products on concrete or mortar substrates.
- For indoor and outdoor use.
- Rapid curing helps reduce execution and back into service times.

Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm², 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.

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, wait at least 28 days following installation before applying SEIREPOX IMPRIMACIÓN SNELL. 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 individual components of SEIREPOX IMPRIMACION SNELL 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 the two components are mixed, 1kg of SEIREPOX IMPRIMACIÓN SNELL will remain workable for 15 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 IMPRIMACIÓN SNELL, use immediately. Towards the end of the mixture's workability time 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.

Where surfaces are very porous and to ensure sufficiently effective bonding and absence of air bubbles, more than one layer of SEIREPOX IMPRIMACIÓN SNELL 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 should be applied as soon as the first is sufficiently cured (5-6 hours). 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 IMPRIMACIÓN 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:

The reduced application time (Pot-Life) of the mixture should be taken into account; ensure application is properly executed without pauses.

Apply SEIREPOX IMPRIMACIÓN SNELL generously on the substrate using a rubber squeegee and flattened out using 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 5 to 6 hours (at 20°C) after application of the first.

The primer must be completely dry to the touch, with at least 5-6 hours elapsing at 20°C before finishing layers are applied.

Never wait more than 12 hours at 20°C - otherwise, it will need to be sanded and re-primed.

When dry resin mortars are applied, the primer must be fresh.

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

When necessary, and taking into account the short pot life of the mixture to avoid clogging problems due to early hardening in the circuit, the material can be applied by air-less (200 bar, nozzle 417).

Consumption:

The approximate consumption of SEIREPOX IMPRIMACIÓN SNELL is 200-300 g/m² depending on the porosity of the substrate.

Cleaning of tools and equipment:

SEIREPOX IMPRIMACION SNELL 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.

See product safety sheet for further information.

Storage:

SEIREPOX IMPRIMACIÓN SNELL 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:

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 consult a doctor.
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. After drying, 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. 1.1 kg/l
Consumption:	Approx. 200-300 g/m ² /layer
Workability time (20°C):	Approx. 15 minutes
Recoatable (20°C):	After 5-6 hours
Chemical resistance:	After approx. 7 days
Packaging:	Kits of 20kg
Storage:	Approx. 12 months in a dry place and in original unopened packaging.



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8001452
EN 13813-2002
SEIREPOX IMPRIMACIÓN SNELL
Synthetic Flooring Resin
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).

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