

Seire

SEIREPOX IMPRIMACIÓN HUMEDAD

Two-component epoxy resin for application on damp substrates

Excellent adhesion to mineral substrates with residual moisture.

Adheres to continuous polymeric flooring.

Solvent-free (100% solids).

Easy application.

For indoor and outdoor use.

Benzyl alcohol free.



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SEIREPOX IMPRIMACIÓN HUMEDAD

Two-component epoxy resin for application on damp substrates

Product description:

SEIREPOX IMPRIMACIÓN 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 mineral substrates with residual moisture.

After hardening, SEIREPOX IMPRIMACIÓN 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 8%.
- For indoor and outdoor use.
- Not applicable on substrates with permanent hydrostatic pressure.

Substrate Preparation:

Do not use where substrate is waterlogged. Substrate must be hard, solid and free of laitance, grease, dust or other loose particles such as paint, release agent, limescale, mortar, plaster, adhesive residues, etc., which may impair adhesion to the substrate.

Remove all traces of varnish, waxes, fats, oils and similar contaminants prior to mechanical preparation.

Substrate preparation must be done with specialized machinery; sanding, milling or diamond machine 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 IMPRIMACIÓN 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 8% prior to application.

Mixture:

Stir the individual components of SEIREPOX IMPRIMACIÓN HUMEDAD 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 IMPRIMACIÓN HUMEDAD remains workable for 45 minutes at a temperature between 18°C and 20°C.

-Recommendations:

After mixing the two components of SEIREPOX IMPRIMACIÓN HUMEDAD, 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. If fumes generated, replace the lid without closing it and holding it by the handle, place somewhere cool and well ventilated or outdoors to prevent the accumulation of gases.

To ensure sufficient binding efficiency, more than one layer of SEIREPOX IMPRIMACIÓN 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 IMPRIMACIÓN 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%.

If Pot-Life is exceeded the mixed product loses its characteristics and should be disposed of.

Method of application:

As primer of epoxy and polyurethane products:

Apply first coat of SEIREPOX IMPRIMACIÓN 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 dusted with sand.

Consumption:

Approximate consumption of SEIREPOX IMPRIMACIÓN HUMEDAD is 250-350g/m² depending on substrate porosity.

Tool cleaning:

SEIREPOX IMPRIMACIÓN HUMEDAD 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.

For more information see product safety sheet.

Storage:

SEIREPOX IMPRIMACIÓN HUMEDAD 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:

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 when applying the product.

If applying indoors, ensure that the site is well ventilated. For more information see product safety sheet. After drying, the product is physiologically and ecologically neutral.

Technical data

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

Mixing ratio:	As indicated on packaging.
Density:	Approx. 1.1kg/l
Yield:	For surface application, depends on substrate porosity. 250-350 g/m ² / layer
Workability time (20°C)	Approx. 45 minutes
Dry to touch on dry substrates (20°C)	8 hours
Dry to touch on wet substrates (20°C)	24 hours
Full cure (20°C)	7 days
Resistance:	Mechanical strength after 24 hours. Chemical resistance after approx 7 days.
Walkable:	After 24 h. approx.
Packaging:	Kits of 10kg and 20kg net
Storage:	Approx. 12 months in a dry place and in original unopened packaging.

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SEIRE PRODUCTS SL. C/ Los Muchos P.I. Albolleque Sector III 19160 Chiloeches- Guadalajara España 13	
8001451 EN 13813-2002 SEIREPOX IMPRIMACIÓN HUMEDAD Synthetic Flooring Resin EN 13813:SR -B2,0	
Compressive Strength:	PND
Flexural strength:	PND
Abrasion Resistance (Böhme):	PND
Adhesion:	≥ 2 N/mm ²
pH:	PND
Reaction to fire:	Ffl

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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