

Seire

SEIREPOX SF250

100% solids epoxy paint

Solvent-free, low odour.

Easy to apply.

High coverage capacity.

Excellent adhesion.

Hygienic and easy to clean.

For smooth or anti-slip finishes.

Can be dusted with sand.

High chemical, mechanical and abrasion resistance.

For indoor and outdoor use.

Vertical and horizontal application.

Limited colours (check for availability).



SEIRE PRODUCTS, S.L.

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SEIREPOX SF250

100% solids epoxy paint

Product description:

SEIREPOX SF250 is a two-component, solvent-free epoxy gloss paint, with 100% solids, low VOC, high coverage capacity, for a smooth or anti-slip finish; makes the coated surfaces waterproof, and provides for easy cleaning and high mechanical, chemical and abrasion performance, while allowing easy maintenance.

Limited colours (check for availability).

After hardening, SEIREPOX SF250 is waterproof, resistant to chemicals, frost and weathering.

Field of application:

- Especially suitable for application on garage flooring, warehouses, light industry and other surfaces exposed to light vehicle and pedestrian traffic
- Coating for pharmaceutical, food and chemical industries.
- Finishing coat for industrial flooring.
- Indoor and outdoor use

Substrate Preparation:

The substrate should be slightly rough and be dry, hard, sound and free of dust and other loose particles such as paint, limescale, mortars, plasters, adhesive residues, etc., which may impair adhesion.

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

Mechanically treat any concrete surfaces which are contaminated, using sanding or diamond tools, and then vacuum.

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

The substrate must have a tensile strength greater than 1.5 N/mm².

Mixture:

Shake the individual components of SEIREPOX SF250 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 introduced 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 SF250 will remain workable for 30 minutes at temperatures between 18°C and 20°C.

Recommendations:

After mixing the two components of SEIREPOX SF250, 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 and well-ventilated or somewhere outdoors, to prevent the accumulation of gases.

Higher temperatures shorten time of use and lower temperatures lengthen it.

Limitations:

Do not use SEIREPOX SF250 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.

Not applicable on smooth epoxy paints or coatings.

To provide resistance against UV rays and prevent yellowing, add SEIREPOX TOP COAT FUV, following the steps and dosing recommended in the technical sheet.

Method of application:

After mixing components A and B, apply directly to the substrate using a short nap roller, brush or airless.

The second layer should be applied as soon as the first is sufficiently cured. This curing time varies (minimum 12 hours) according to the ambient temperature.

Do not add solvent or diluent at any stage.

Consumption:

Approximate consumption of SEIREPOX SF250 is 150-250 g/m² per coat.

Tool cleaning:

SEIREPOX SF250 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 product 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 further information, see product safety sheet.

Storage:

SEIREPOX SF250 can be stored for up to 12 months in its original unopened packaging. Store in a dry place at temperatures between +5°C and +30°C. Keep away from icy conditions, direct sunlight and heat sources.

Precautions:

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

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. Wear safety goggles and gloves while mixing and during application.

If applying indoors, ensure that the site is well ventilated. For more information, see product safety data sheet. Once dry, 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:	Aprox. 1.4 kg/litre.
Consumption	150-250 g/m ² per coat.
Workability time (20°C):	Aprox. 30 minutes.
Dry to touch (20°C):	After 6 h. aprox.
Full cure (20°C):	7 days.
Packaging:	Kits of 10 kg and 20 kg net (A+B).
Storage:	Aprox. 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.

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