

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)



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

Applications:

- 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 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).

When applied on metal surfaces, sandblasting should be used for cleaning/preparation up to Sa2½ grade. A final clean is recommended with a suitable solvent. Ensure solvent is completely dried off before applying primer.

Primer:

Prior to applying SEIREPOX SF250, prime the substrate using the primer in our portfolio best fitting substrate and application conditions.

Do not allow primer to cure longer than indicated in its TDS. Otherwise, it will need to be sanded and re-primed.

A first coat of SEIREPOX SF250 can work as primer coat.

Mixture:

Stir the individual components of SEIREPOX SF250 before mixing. Pour component B into component A and mix thoroughly 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 residues remaining in the container. The mixture which has been reintroduced into the container of component B 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.

It is not advisable to run partial mixes by volume.

After the two components are mixed, 1kg of SEIREPOX SF250 will remain workable for 30 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 SF250 AB+, 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.

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 batch.

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%.

Not applicable on smooth epoxy paints or coatings.

Because of the epoxy nature of the material, applications might yellow when exposed to UV light.

Method of application:

After mixing components A and B, apply directly to the substrate using a short nap roller or brush. Whenever necessary, the material can be applied by air-less (200 bar, nozzle 417).

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

Do not add solvent or diluent at any stage.

Consumption:

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

Cleaning of tools and equipment:

SEIREPOX SF250 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 component 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 AB+ 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.

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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.
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. 1.4 kg/L
Consumption:	150-250 g/m ² per coat
Workability time (20°C):	Approx. 30 minutes
Recoatable (20°C):	After 6 h approx.
Chemical resistance:	7 days
Packaging:	Kits of 20 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.
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