

# Seire

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## SEIREGROSPRIMER

**Fluid epoxy mortar for repair, regularization  
and primer**

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Very good adhesion on mineral substrates

Base layer for continuous polymeric flooring

Solvent-free

Fast and easy application

Can be mixed and/or dusted with sand

Preparation of mortars loaded with filler

For indoor and outdoor use



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# SEIREGROSPRIMER

## Fluid epoxy mortar for repair, regularization and primer

### Product description:

SEIREGROSPRIMER is a two component epoxy mortar, containing fine fillers, non-pigmented, fluid, solvent-free and with excellent wetting properties; it is used for surface repair and regularization, and also as a base layer for SEIRE epoxy and polyurethane paints and coatings.

SEIREGROSPRIMER can be used in its pure form or mixed with aggregate to prepare filled mortars. It also supports aggregate dusting.

After curing, SEIREGROSPRIMER is resistant to the passage of water, chemicals, frost and weather.

### Applications:

- Regularization and repair of concrete substrates and of bumpy and irregular mortar.
- Primer and base coat for paints and coatings.
- Regularization layer for multilayer technique.
- Preparation of filled mortars
- Indoor and outdoor use.

### Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm<sup>2</sup>, 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, apply SEIREGROSPRIMER after allowing a minimum of 28 days after installation. In summer and in warmer zones this time can be shortened, but always ensure that substrate moisture content is less than 4% before application.

### Mixture:

Stir the individual components of SEIREGROSPRIMER before mixing.

Pour the content of component B into the container of component A and mix the two components thoroughly with a stirrer 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 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 waste management.

### It is not advisable to carry out partial mixtures by volume.

After the two components are mixed, 1kg of SEIRE WP 200 will remain workable for 55 minutes at temperatures between 18°C and 20°C.

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

### Recommendations:

After mixing the two components of SEIRE WP200, 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 or outdoors.

Note that higher temperatures shorten time of use and lower temperatures lengthen it.

### Limitations:

Do not use SEIREGROSPRIMER 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%.

**SEIREGROSPRIMER must not be used as a Top Layer. Always protect with paint or coating.**

### Method of application:

The product can be applied in pure form or by preparing a mortar with siliceous aggregate, depending on the thickness to be regularized.

Apply SEIREGROSPRIMER generously on the substrate using a rubber squeegee or trowel and flatten using a medium nap roller. Where the product is applied in pure form, minimum dosage is 1,3 kg/m<sup>2</sup>.

If an anti-slip finish is required in the installation of multilayer systems, dust while still fresh using 0.6mm quartz aggregate with approximate consumption of 2 kg/m<sup>2</sup>.

Once dry, sweep away unbound aggregate, then sand and vacuum dust prior to application of final coating.

The mortar mixing ratio and grain size of aggregate used depends on the thickness to be regularized.

To prepare mortars with slight levelling fluid application, recommended ratios with 0,4mm aggregate are 1:0,5. Higher aggregate ratios become pasty/dry and require special means of implementation. This mortar requires a final sealing coat as wearing layer.

SEIREGROSPRIMER must be completely dry to the touch - allow at least 24 hours at 20°C before applying topcoats.

Do not wait more than 48 hours at 20°C - otherwise it will be necessary to sand and re-prime.

On the smooth surface (without dusting) of SEIREGROSPRIMER, sanding is required to ensure adhesion of subsequent layers.

### Consumption:

SEIREGROSPRIMER consumption depends on the type of mortar prepared and the required thickness in the regularization:

Pure	Approx 1.3 kg/m <sup>2</sup> /mm
Mortar 1:0.5	Approx 1.5 kg/m <sup>2</sup> /mm

### Tool and equipment cleaning:

SEIREGROSPRIMER 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 components 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.

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### Storage:

SEIREGROSPRIMER 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 icy conditions, direct sunlight and sources of heat.

### 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. See product safety sheet for further information. After drying, the product is physiologically and ecologically neutral.

### Technical data

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

<b>Mixing ratio:</b>	As indicated on packaging.
<b>Density:</b>	Approx. 1.3 kg/l
<b>Consumption:</b>	Pure: Approx 1.3 kg/m <sup>2</sup> /mm Mortar 1:0.5: Approx 1.5 kg/m <sup>2</sup> /mm
<b>Workability time (20°C):</b>	Approx. 55 minutes.
<b>Recoatable (20°C):</b>	Approx 24h
<b>Flexural strength (UNE EN 196-1):</b>	Mortar 1:1 with sand 0,4mm >8N/mm <sup>2</sup>
<b>Compressive strength (UNE EN 196-1):</b>	Mortar 1:1 with sand 0,4mm Approx. 20N/mm <sup>2</sup>
<b>Packaging:</b>	Kits of 25kg net
<b>Storage:</b>	Approx. 12 months in a dry place and in original unopened packaging.

	
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<b>8001527</b> <b>EN 13813-2002</b> <b>SEIREGROSPRIMER</b> Synthetic Flooring Resin EN 13813:SR -B2.0	
<b>Emission of Corrosive Substances:</b>	SR
<b>Tensile adhesion strength:</b>	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.*

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