

Seire

SEIRE WP FAST PRIMER

Ultrafast Cure Epoxy Primer

Specially designed for use with SEIRE WP 500

Water-based, solvent free, low emissions

Easy vertical and horizontal application

Excellent adhesion on majority of substrates

Applicable on mineral substrate with < 6% residual moisture

Can be mixed and/or dusted with sand

Recoatible after 3 hours (+20°C)

Impermeable to liquid water and permeable to water vapour

Indoor and outdoor use

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SEIRE WP FAST PRIMER

Ultrafast Cure Epoxy Primer

Product description:

SEIRE WP FAST PRIMER is a low-emission and solvent-free water-based epoxy resin, providing excellent adhesion to all types of interior and exterior substrates, specially designed for flooring and waterproofing systems with ultrafast curing, such as SEIRE WP500.

SEIRE WP FAST PRIMER can be applied horizontally and vertically on substrates with up to 6% humidity. It can be mixed and/or dusted with sand and can be recoated after 3 hours (at 20°C);

Maximum thickness per layer of 500g/m²; Fast curing, even at 10°C, with excellent resistance to carbamates. After curing, SEIRE WP FAST PRIMER is resistant to the passage of water, chemical agents, ice and weathering.

Field of application:

- Primer on non-porous substrates (ceramics, metal, ...)
- Primer on porous substrates (concrete, asphalt, ...)
- Primer on concrete or mortar substrates with residual moisture of up to 6%
- Indoor and outdoor use

Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm², must be wet but not overlogged (residual humidity less than 6%), 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).

Repairs cracks, holes, etc. they will be carried out before the application of SEIRE WP FAST PRIMER using the SEIRE products from the repair range.

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 SEIRE WP FAST PRIMER.

Mixture:

Stir the individual components of SEIRE WP FAST PRIMER 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

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

After mixing both components, 1 kg of SEIRE WP FAST PRIMER, will remain workable for 60 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:

An induction time of about 5-10 minutes (at 20 ° C) is recommended before starting to apply the material. Due to its aqueous character, the material does not heat up towards the end of its pot life. End of pot life is indicated by an increase in viscosity. Note that higher temperatures shorten time of use and lower temperatures lengthen it.

Limitations:

Do not use SEIRE WP FAST PRIMER where ambient and/or substrate temperatures are less than 10°C or less than 3°C above dew point. Do not apply at temperatures above 30°C.

Do not apply where ambient humidity exceeds 85%.

SEIRE WP FAST PRIMER can be applied on substrates with humidity of up to 6%; for substrates with a higher level of humidity, please consult SEIRE's Technical Department.

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

Method of application:

Once mixed, SEIRE WP FAST PRIMER should be spread over the floor surface without delay using a brush of short/medium nap roller.

One or more coats of SEIRE WP FAST PRIMER may be required to ensure uniform priming, free of pores or dry areas and to compensate variations in absorption by different areas of the substrate.

Apply the second coat as soon as the first is sufficiently cured. This curing time varies according to ambient and surface temperatures.

When necessary, application may be by Airless at 200 bar pressure with a 417 nozzle and a 50 mesh filter. Provide ventilation for the primed area.

Consumption:

Consumption of SEIRE WP FAST PRIMER is 100 - 200 g/m² (depending on substrate and application process)

Cleaning of tools and equipment:

SEIRE WP FAST PRIMER can be cleaned immediately after use with water. 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:

SEIRE WP FAST PRIMER can be stored for up to 12 months in its original unopened packaging. Store in a dry place between +5°C and +25°C. Keep away from icy conditions, direct sunlight and heat sources.

Precautions:

Hazardous to health if ingested.

May cause burns in case of prolonged contact. Causes irritation to eyes and skin. In case of contact, wash immediately and thoroughly with clean water and consult a doctor.

Safety goggles and gloves must be worn at all times while the product is being mixed and during its application.

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. Consult the product safety sheet for further information.

Technical Data According to ARDEX Quality Standards

Mixing ratio	: As indicated on packaging
Denisty	: Approx. 1,05 kg/litre
Consumption	: For a surface application, it depends on substrate porosity Approx. 100-200g/m ² /layer
Workability time (20°C)	: Min. 60 minutes
Recoatable on dry substrate (20°C)	: After Approx. 3 hours
Recoatable on wet substrate (20 ° C)	: After Approx. 4 hours
Substrate humidity	: Max 6%
Packaging	: Kit of 10 kg
Storage	: Approx. 12 months in a dry place and in original unopened packaging.



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8005602
EN 13813-2002
SEIRE WP FAST PRIMER
Synthetic Flooring Resin
EN 13813:SR-B2.0

Emission of corrosive substances	SR
Tensile adhesion strength:	B 2.0



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