

Seire

SEIRE WP PRIMER

Water based epoxy primer

Good adhesion on all kind of substrates

Excellent adhesion to mineral substrates with residual moisture up to 8%

Specially designed to be used in conjunction with SEIRE WP range

Solvent free

Indoor and outdoor use



SEIRE PRODUCTS, S.L.

P.I. Albolleque, Sector III
C/Los Muchos, 34-36
19160 – Chiloeches (Guadalajara)
T. +34 902 124 411
F. +34 902 124 414
seire@seire.net

SEIRE WP PRIMER

Water based epoxy primer

Product description:

SEIRE WP PRIMER is a multi-substrate two-component water-based epoxy primer for SEIRE WP range as well as for other SEIRE flooring products, indoor and outdoor.

Applications:

- Primer on non-porous substrates (ceramic, metal, ...).
- Primer on porous substrates (concrete, asphalt, ...).
- Primer on concrete or mortar substrates with residual moisture up to 8%.
- For indoor and outdoor use.

Substrate preparation:

Do not use where substrate is waterlogged. The surface must be hard, sound and free of laitance, grease, dust and other loose particles such as paint, traces of lime, mortar, plaster, adhesive residues, etc., which may impair the adhesion to the substrate.

Before mechanical preparation, traces of varnish, waxes, fats, oils and similar contaminants must be removed.

Substrate preparation must be done with specialized machinery; sanding, milling or diamond machine depending on the state of the substrate. Vacuum the substrate.

Always ensure that substrate moisture content is less than 8% prior to application.

Repair works and filling holes and cracks will be conducted using the most appropriate product for that purpose in the SEIRE range. Any joint or crack the concrete substrate where differential movement is expected (i.e.: expansion joints), should be respected and conveniently sealed.

When applied on metal surfaces sandblasting for cleaning should be used. After sandblasting the surface must be cleaned using a proper solvent. Let dry completely the solvent before applying SEIRE WP PRIMER.

Mixture:

Stir the individual components of SEIRE WP PRIMER before mixing. Pour the contents of component B into the container of component A and mix thoroughly the two components 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 carry out partial mixtures by volume.

After the two components are mixed, 1kg of SEIRE WP PRIMER remains workable for 60 minutes at a temperature between 18°C and 20°C.

Recommendations:

After mixing the two components of SEIRE WP PRIMER, use immediately.

Due to the aqueous character of the material it does not heat up as it approaches the end of its pot life, which is signalled by a marked increase in viscosity.

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

Limitations:

Always use the SEIRE WP PRIMER with ambient and/or support temperatures over +5 °C and provided with a minimum of +3 °C above dew point. Do not apply at temperatures above + 30 °C. Do not apply with air humidity above 85%.

SEIRE WP PRIMER can be applied on substrates with existing moisture max 8%. On surfaces with higher humidity, consult the Technical Department of SEIRE.

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

Application:

Once mixed, SEIRE WP PRIMER should be spread across the floor without delay using a brush or short / medium pile roller.

When a thinner consistency is required, dilution with clean water is advised up to a max of 30%.

One or more layers of SEIRE WP PRIMER may be needed to ensure uniform pore-free surface and compensating differences in absorption of the various areas of the substrate.

The second coat is applied as soon as the first is sufficiently cured. The curing time varies depending on ambient temperature and the surface.

Ventilation should be provided to the primed area.

Consumption:

SEIRE WP PRIMER consumption is 100-300 g/m² (depending on substrate).

Tool Cleaning:

SEIRE WP PRIMER can be cleaned with water from tools and equipment immediately after use. If the product has hardened can only 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.

Storage:

SEIRE WP PRIMER 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 25°C. Keep away from frost, direct sunlight and sources of heat.

Precautions:

Irritating to eyes and skin. Harmful by inhalation and skin contact. Avoid contact with eyes and skin. After contact with skin, wash immediately with plenty of clean water.

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.

SEIRE WP PRIMER

Water based epoxy primer

Technical Data

(from trials in our laboratory according to current regulations)

Mixing ratio:	As indicated on packaging.
Density (20°C):	Approx. 1 kg/L
Consumption:	For surface application, depends on substrate porosity. 100-300 g/m ² / layer
Workability time (20°C):	Approx. 60 minutes
Recoatable on dry substrates (20°C)	Min. 6 hours Max 24 hours
Recoatable on wet substrates (20°C):	Min. 12 hours Max 24 hours
Max. substrate humidity	8 %
Packaging:	Kits of 10 Kg net
Storage:	Approx. 12 months in a dry place and in original unopened packaging.

 0370	
SEIRE PRODUCTS SL. C/ Los Muchos P.I. Albolleque Sector III 19160 Chiloeches- Guadalajara España 13	
8005117 EN 13813-2002 SEIRE WP PRIMER Synthetic Flooring Resin EN 13813:SR-B2,0	
Emission of corrosive substances:	SR
Tensile adhesion strength:	B 2.0

Seire is responsible for the quality of its products. Application recommendations expressed herein are based on tests and practical experience.

A dosage and application beyond that described in it exclude our liability on the product and its application. For any questions about possible doubts about the product, please contact our Technical Department. The validity of this data sheet is valid until the appearance of a new edition.

Seire does not take responsibility for the content of data sheets collected on internet from sites other than the official Seire (www.seire.net)

Edition: March 2019