

Seire

SEIRETAR R

**Tar-modified epoxy resin based coating,
solvent-free**

Very good adhesion

Compatible with asphalt substrates

Primer and finish

Good chemical and mechanical resistance

Solvent-free

Easy to apply

Can be dusted with sand

For indoor and outdoor use



SEIRE PRODUCTS, S.L.

P.I. Albolleque, Sector III
C/Los Muchos, 34-36
19160 - Chiloeches (Guadalajara)
T. 34 949 366 953
seire@seire.net

SEIRETAR R

Tar-modified epoxy resin based coating, solvent-free

Product Description:

SEIRETAR R is a solvent-free, bi-component, tar-epoxy resin waterproof fluid coating, for use as a primer on asphalt flooring with SEIRE epoxy coatings. Can also be applied as a waterproof finish and wearing course.

Excellent adhesion and mechanical properties; flexibility that allows it to absorb substrate movements.

Good chemical resistance to dilute acids, alkalis, solvents, oils, gasoline, wastewater and seawater.

After curing, SEIRETAR R is waterproof, resistant to chemical agents, frost and weathering.

Applications:

- Protective and waterproof treatment of metal structures or concrete
- Flooring wearing course in garages, petrol stations, hangars, bridges, etc.
- Primer on asphalt substrates.
- Anti-slip flooring with saturated sand.
- 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 SEIRETAR R.

Mixture:

Stir the individual components of SEIRETAR R 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 residues.

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

After the two components are mixed, 1kg of SEIRETAR R remains workable for 60 minutes at a temperature 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 SEIRETAR R, use immediately. During the final period of the mixture's useful life and because of its strong reactivity, it will heat up causing 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.

The curing time varies according to the ambient and surface temperature.

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

To avoid stains, it is necessary to apply a minimum of two finishing coats, the first always being 100% solid epoxy based.

Limitations:

Do not use SEIRETAR R 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%.

Method of application:

1. As coating:

Apply SEIREPOX R on the substrate using a rubber squeegee and level and flatten out using a medium nap roller. A single application will suffice.

To obtain a non-slip surface, SEIRETAR R can be sprinkled with SEIRECUARZO 0.6 while still wet.

Remove excess sand after 24 hours by sweeping or vacuuming and apply a second coat of SEIRETAR R.

2. As primer of epoxy products:

Apply SEIRETAR R on the substrate using a rubber squeegee and level and then flattened out with a medium nap roller.

Sprinkle SEIRECUARZO 0.6 to saturation. Once cured, remove loose particles, sanding and vacuum.

When necessary, application may be by Airless at 200 bar pressure with a 417 nozzle and a 50 mesh filter.

The primer must be completely dry to the touch - wait at least 12 hours at 20°C before applying topcoats.

Do not wait more than 48 hours at 20°C; otherwise it will need to be sanded and re-primed. Ensure proper ventilation during application and curing, especially in confined spaces such as tanks, etc.

To avoid staining apply minimum two layers of top coat.

Do not add solvent or thinners at any stage.

Consumption:

Approximate consumption of SEIRETAR R is 0.6 - 1Kg/m² depending on the porosity of the substrate.

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Tool and equipment cleaning:

SEIRETAR R 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.

Storage:

SEIRETAR R 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.

Danger of death if product is swallowed or enters airways. 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, mask and gloves must be worn at all times while the product is being mixed and when applying the product.

Application restricted to professional and outdoor use only.

See product safety sheet for further information.

Technical data:

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

Mixing ratio:	As indicated on container
Colour:	Black
Density:	Approx. 1.13kg/l
Consumption:	Approx. 0.6-1Kg/m ²
Workability time (20°C):	Approx. 60 minutes
Recoatable (20°C):	12 hours
Chemical resistance:	After approx. 7 days
Packaging:	Kit of 25kg
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. Seire will not be held responsible for the content of technical data posted on websites other than the official Seire website (www.seire.net).

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