

# Seire

---

## SEIREPOX 20WB

**Glossy water-based epoxy paint**

---

Low odor

Easy to apply

Impermeable to liquid water

Water vapour permeable

Hygienic and easy to clean

Medium chemical and mechanical resistances

Indoor and outdoor use

Vertical and horizontal application



**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](mailto:seire@seire.net)

# SEIREPOX 20WB

## Glossy water-based epoxy paint

---

### Product Description:

SEIREPOX 20WB is a two-component, water-based epoxy paint with visible Pot-Life and substrate moisture tolerant.

SEIREPOX 20WB gives the coated surfaces a glossy finish, impermeability, easy to clean and medium mechanical and chemical performance as well as offering easy maintenance and very low yellowing.

Material free of volatile organic solvents

After curing, SEIREPOX 20WB is waterproof, resistant to chemicals, frost and weathering while being water vapour breathable.

### Applications:

- Especially suitable for flooring applications in parking garages, warehouses, light industrial and other surfaces exposed to light vehicle and pedestrian traffic.
- Coating in pharmaceutical, food and chemical industries.
- Coating for tunnels.
- Finishing coat for industrial flooring.
- Applicable on damp substrates.
- Indoor and outdoor use.

### Substrate preparation:

The substrate must have a tensile strength higher than 1.5 N/mm<sup>2</sup>, may be wet (residual humidity less than 6%) but not waterlogged, 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 to the substrate.

Prepare the substrate using specialist machinery - sanding, milling 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).

### Primer:

Prior to applying SEIREPOX 20WB, 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.

On absorbent substrates, SEIREPOX 20WB pure or diluted with 5 - 10% water, can be used as primer coat.

Do not allow more than 24 hours (at 20°C) to elapse between coats otherwise, it will need to be sanded and re-primed.

During application and curing, especially in confined places such as tunnels, basements, etc., adequate ventilation should be ensured.

### Mixture:

Stir the liquid components of SEIREPOX 20WB 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 SEIREPOX 20WB will remain workable for 40 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:

Prior to apply the material, an induction time of 5 minutes (20°C) is recommended.

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.

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.

When applied on surfaces prone to waterlogging, it is advised to use a primer like SEIRE WP PRIMER.

### Limitations:

Do not use SEIREPOX 20WB 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 80%.

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 primed substrate using a short nap roller or brush. When necessary, application may be by Airless at 200 bar pressure with a 417 nozzle and a 50 mesh filter.

Ensure that the entire surface is completely and evenly painted without any ponds.

The second layer should be applied as soon as the first is sufficiently cured. This curing time varies (minimum 20 hours) according to the ambient temperature.

During application and curing, especially in confined places such as tunnels, basements, etc., adequate ventilation should be ensured.

Do not add solvent or thinners at any stage.

### Consumption:

Approx. 200 - 300 g/m<sup>2</sup> per coat

### Cleaning of tools and equipment:

SEIREPOX 20WB can be cleaned with water immediately after use. 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.

See product safety sheet for further information.

### Storage:

SEIREPOX 20WB 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 frost, direct sunlight and sources of heat.

# SEIREPOX 20WB

## Glossy water-based epoxy paint

---

### 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.

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.

### Technical data

*(from tests carried out in our laboratory according to current regulations)*

<b>Mixing ratio:</b>	As indicated on packaging
<b>Density:</b>	Approx. 1.2 kg/L
<b>Consumption:</b>	200-300 g/m <sup>2</sup> per coat
<b>Time of workability (20°C):</b>	Approx. 40 minutes
<b>Recoatable (20°C):</b>	After 20 h approx.
<b>Chemical resistance:</b>	After 7 days
<b>Gloss (60°):</b>	>80
<b>Packaging:</b>	Kit of 25 kg
<b>Storage:</b>	Approx. 12 months in a dry place and in original unopened container

---

*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. 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](http://www.seire.net))*

---

**Edition: January 2022**



ARDEX GROUP