

Seire

SEIREPOX 10W

Water-based epoxy paint

Low odour

Easy to apply

Impermeable to liquid water

Permeable to water vapour

Hygienic and easy to clean

For smooth or anti-slip finishes

Can be dusted with sand

Medium chemical and mechanical resistance

For indoor and outdoor use

Very low yellowing

Vertical and horizontal application



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SEIREPOX 10W

Water-based epoxy paint

Product description:

SEIREPOX 10W is a water-based, two-component epoxy paint, with visible end of pot life, which tolerates damp surfaces.

SEIREPOX 10W gives coated surfaces waterproofing, ease of cleaning and medium mechanical and chemical performance, as well as providing for easy maintenance.

Satin finish – gloss, very low yellowing.

Material free from volatile organic solvents

After curing, SEIREPOX 10W is waterproof, resistant to chemical agents, frost and weathering, and is water vapour breathable.

Applications:

- Especially suitable for application on garage flooring, warehouses, light industrial and other surfaces exposed to light vehicle and pedestrian traffic
- Coating for pharmaceutical, food and chemical industries.
- Coating for tunnels with poor ventilation.
- Finishing coat for industrial flooring.
- Applicable on damp substrates
- Indoor and outdoor use

Substrate Preparation:

The substrate must have a tensile strength greater than 1.5 N/mm², may be moist (<8%) but not waterlogged. The substrate must be hard, sound, and free of grout, grease, oil, wax, dust and other loose particles such as paint, release agents, traces of lime, mortar, plaster, adhesive residues, etc., that 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).

Primer:

Prior to applying SEIREPOX 10W, prime the substrate with the primer from the SEIRE range best suited to the substrate and application conditions.

SEIREPOX 10W in pure form or diluted with 5-10% water, depending on substrate absorption, can be used as primer coat. Do not allow the primer to dry for any longer than indicated in its technical sheet - otherwise, it will need to be sanded and re-primed.

Mixture:

Stir the individual components of SEIREPOX 10W 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 run partial mixes by volume.

After the two components are mixed, 1kg of SEIREPOX 10W 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:

After mixing the two components of SEIREPOX 10W, 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.

All SEIRE products are manufactured under strict quality controls and procedures; however, if colour consistency is essential, it is recommended that the products used are taken from the same lot.

Limitations:

Do not use SEIREPOX 10W 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%.

If Pot-Life is exceeded the mixed product loses its characteristics and should be disposed of.

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

Method of application:

After mixing components A and B, apply directly to the primed substrate using a short nap roller or brush. Whenever necessary, the material can be applied by air-less (200 bar, nozzle 417).

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 according to the ambient temperature (minimum of 15 hours).

The painted area should be kept ventilated.

Quartz sand or special aggregates can be mixed in or sprinkled onto the fresh layer in order to provide an anti-slip surface.

Ensure proper ventilation during application and curing, especially in confined spaces such as tunnels, basements, etc.

Do not add solvent or thinners at any stage.

Consumption:

The approximate consumption of SEIREPOX 10W is 0.2 to 0.3kg/m² per coat.

Cleaning of tools and equipment:

SEIREPOX 10W 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.

Storage:

SEIREPOX 10W 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

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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 further information see the product safety sheet.

Technical data

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

Mixing ratio:	As indicated on packaging.
Density:	Approx. 1.3 kg/l
Consumption:	0.2-0.3 kg/m ² per coat.
Workability time (20°C):	Approx. 40 minutes.
Recoatable (20°C):	After 6 h. approx.
Chemical resistance:	7 days.
Packaging:	Kits 25 kg
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 does not take responsibility for the content of data sheets collected on internet from sites other than the official Seire (www.seire.net)

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