

Seire

SEIREPOX M SNELL

**Fast-setting, two-component epoxy binder for
preparing dry mortars**

Fast curing.

Solvent-free (100% solids).

High workability.

High chemical and mechanical resistance.

Indoor and outdoor use.



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SEIREPOX M SNELL

Fast-setting, two-component epoxy binder for preparing dry mortars

Product description:

SEIREPOX M SNELL is a fluid, solvent-free, two-component epoxy binder which, mixed with siliceous aggregate (SEIRECUARZO 0.8) at a 1:6 ratio, enables execution of flooring with high mechanical performance.

Available in clear and coloured version.

Its rapid setting enables optimisation of deadlines for execution and back into service.

Applications:

- Industrial floors with heavy traffic
- Loading and unloading docks
- Garages
- Manoeuvring areas, ramps
- Hangars
- Storage areas and markets
- Indoor and outdoor use.

Substrate Preparation:

Make sure that the substrate is level and primed; the film must be completely dry and free of grease, dust or other loose particles that might impair adhesion.

The substrate must have a tensile strength greater than 1.5 N/mm².

Properly treat and seal all joints or gaps in the concrete substrate where differential movement is expected (for example expansion joints).

Primer:

Before applying SEIREPOX M SNELL prime the substrates with SEIREPOX IMPRIMACIÓN SNELL or with the primer from our range best suited to the substrate and application conditions.

When applying mortar made with SEIREPOX M SNELL, the primer should still be wet - otherwise, it will need to be sanded and re-primed.

Mixture:

Stir the individual components of SEIREPOX M SNELL before mixing.

Thoroughly mix the two components with a mixer at low speed for a minimum of 3 minutes.

Part of the mixture can be reintroduced into the hardener container to gather up residues remaining in the container. The mixture which has been reintroduced into the hardener container 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.

Immediately add the SEIRECUARZO 0.8mm aggregate, mixing constantly, until a homogeneous dry mortar is obtained. To perform this operation, use of a suitable mortar mixer is recommended.

After mixing the three components, 1Kg of SEIREPOX M SNELL will remain workable for 15 minutes at a temperature between 18°C and 20°C.

Recommendations:

After mixing the two liquid components of SEIREPOX M SNELL, use immediately. Towards the end of the mixture's useful life and due to its high level of reactivity, the mixture will heat up, resulting in 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, place the lid without closing it and using the handle, place somewhere cool and well ventilated or outdoors to prevent the accumulation of gases.

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

Apply with minimum thickness of 4mm.

Limitations:

Do not use SEIREPOX M SNELL 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.

Method of application:

The mixture's reduced execution time (Pot-Life) should be taken into account - properly organise application without pause.

SEIREPOX M SNELL, once mixed with 0.8mm quartz sand at a 1:6 ratio, should be spread across the floor without delay using a rake and a straightedge resting on two guides to achieve the desired thickness; always apply a minimum of 4mm.

Then compact and smooth with a metal trowel. To make this operation easier, clean the trowel at intervals with solvent.

The mortar may be sealed, before 24h of drying, with the same SEIREPOX M SNELL or with an epoxy or polyurethane paint.

Do not add solvent or thinner at any stage.

Consumption:

Approximate consumption of SEIREPOX M SNELL (with aggregate at a 1:6 ratio) is 2 kg/m² per millimetre of thickness.

SEIREPOX M SNELL consumption as sealant layer is approximately 0.5 kg/m².

Tool cleaning:

SEIREPOX M SNELL can be cleaned from tools and equipment immediately after use using a solvent such as ARDEX RTC. If the product is allowed to harden, it will have to be removed mechanically.

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Residues/spillages:

Any spillage from any of the products 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 M SNELL can be stored for 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.

Precautions:

Causes skin and eye irritation. 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. See product safety sheet for further information. After drying, the product is physiologically and ecologically neutral.

Technical data

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

Mixing ratio:	As indicated on packaging.
Density:	Approx. 1.1kg/l
Workability time (20°C):	Approx. 15 minutes.
Dry to touch (20°C):	4 hours.
Full cure (20°C):	3 days.
Chemical Resistance:	After approx. 7 days.
Traffic:	After 6 h. approx.
Flexural strength (UNE EN 196-1):	Mortar 1:6 with sand 0,8mm >18N/mm ²
Compressive strength (UNE EN 196-1):	Mortar 1:6 with sand 0,8mm Approx. 50N/mm ²
Packaging:	Kits of 10kg and 20kg net
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 do not takes responsibility for the content of data sheets collected on internet from sites other than the official Seire (www.seire.net)

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