



SEIREGROUT EP

Water-based epoxy for ceramic grouting

Sealing of ceramic tiles, anti-acid tiles and ceramic mosaics

Joint widths from 2 mm to 10mm

Solvent free

Easy to apply

Very easy cleaning with water of the unhardened material

Does not leave a veil on the ceramic surface

High mechanical and chemical resistance

Water vapour permeable

Applicable as tile adhesive on horizontal surfaces

Emissions free (VOC free) – Classified A+ according to the French “Décret n°2011-321” (CSTB)

Meets with French CMR Compounds

Meets Italian CAM Edilizia

Meets BREEAM International Basic Level



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SEIREGROUT EP

Water-based epoxy for ceramic grouting

Product description:

Water-based two-component epoxy resin mortar for ceramic and pavements grouting from 2mm to 7mm width, with high mechanical and chemical resistance. Limited colour range.

After curing, SEIREGROUT EP is permeable to water vapour but impervious to liquid water and resistant to chemical agents, ice and weathering.

Applications:

Grouting of industrial flooring, flooring for laboratories, warehouses, car parks, hangars, workshops, production and processing areas in abattoirs, dairy plants, industrial kitchens, breweries, etc., as well as commercial premises and buildings for sports and leisure.

Grouting of tiles, mosaic and ceramic tiles in pools and pool decks, showers and bathrooms.

Vertical and horizontal application.

For use indoors and outdoors.

Applicable as tile adhesive on horizontal surfaces.

Substrate Preparation :

The joint interior and edges must be free of dust, grease or any other substance that may impair good adhesion.

SEIREGROUT EP can be applied to joints that still contain some residual moisture (max 6%).

Mixing:

Stir each of the two components separately before blending them together thoroughly and vigorously with a suitable mixer (e.g. spiral) at low speed for a minimum of 3 minutes, until a homogeneous and uniform mortar is obtained.

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

After mixing both components, 1Kg of SEIREGROUT EP will remain workable for 45 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.

Method of application:

Once components A and B have been mixed together, allow around 10 minute of induction time before applying. Then pour the material on the substrate and fill the joints using a rubber trowel. After waiting about 60 minutes (at 20°C), remove excess material with a white or orange pad and cold water. Smooth and finish the surface off with a soft sponge.

Material loss ranges between 100 and 200 g/m² depending on the type of tile and method of application.

Do not add solvent, thinners or water at any stage.

SEIREGROUT EP can also be used as a tile adhesive on horizontal surfaces.

Recommendations:

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

To ensure that no transparent veils are left on the surface of structured tiles and/or tiles with a porous surface, previous testing is recommended.

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 lot.

Limitations:

Do not use SEIREGROUT EP where ambient and/or substrate temperatures are below 8°C or above 30°C.

Do not use where ambient and/or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%.

Chemical resistance is attained after approximately 7 days.

White SEIREGROUT EP may have a slight tendency to yellowing.

Contact with strongly coloured substances, such as e.g. coffee

tea, fruit juices, etc., may cause colour changes. Application in vertical joints is limited to 4mm.

Consumption:

Consumption of SEIREGROUT EP for a 7x7mm joint is approximately 85 g per linear meter.

Cleaning of tools and equipment:

SEIREGROUT EP can be cleaned from tools and equipment immediately after use with water. If the product is allowed to harden, it will have to be removed mechanically.

Storage:

SEIREGROUT EP 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 icy conditions, direct sunlight and sources of heat.

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.

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 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. After drying, the product is physiologically and ecologically neutral.

Consult the product safety sheet for further information.

Technical data

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

Mixing ratio:	As indicated on the packaging
Density:	Approx. 1.7 Kg/l
Consumption:	Depends on tile dimensions of the tile and joint width
Workability time (20°C):	60 mins
Walkable (20°C):	After approx. 24 hours
Supports loads (20°C):	After approx. 60 hours
Chemical resistance:	After 7 days
Packaging:	Set of 10 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 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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