

# Protective sealer for ceramic glazes

Product name

## EXPERT SHIELD

Description

EXPERT SHIELD is a protective product based on nanotechnology. It is designed for porous surfaces such as stone, plaster, terracotta, and concrete. It can also be used on glazed or vitrified surfaces, both glossy and matte finishes. The treatment protects against water absorption and pollution, helping reduce maintenance time and costs.

EXPERT SHIELD is a water-based solution of nano-siloxanes. It penetrates the surface pores and forms a barrier that repels water, dirt, and pollutants. The protective effect is long-lasting, but may vary depending on the type of surface, exposure, and maintenance conditions.

Application

**IMPORTANT: Apply only on dry surfaces.**

Ready-to-use product (do not dilute).

Shake well before use.

Apply by spray, brush, or roller. Spread it using a technical non-woven cloth (TNT) or microfiber cloth (polyester and polyamide) until dry. Remove any streaks with a dry cloth to ensure a uniform surface. This operation must be carried out with the utmost care, especially on glossy surfaces

Full water-repellent effect is activated within 24 hours.

Coverage

Approximately 10 sqm per liter, depending on the porosity of the material.

Apperance

Transparent, colorless liquid.

Stability and use as a pre-grouting treatment

The treatment reaches full stability after 72 hours. The product should be applied to our mosaics and tiles after wall installation but before grouting.

**Wait at least 24 hours before proceeding with the grouting phase.**

The treatment protects the glaze during grouting and simplifies post-application cleaning.

Grout Cleaning Instructions

For cement-based grout, use water only. For epoxy grout, use neutral cleaners.

Refer to our installation guide for more information, particularly the section on grouting and recommended products.

Application temperature

Apply the product in suitable temperature conditions (min. 5°C – max. 35°C).

Resistance to cleaners / Maintenance

Treated surfaces can be cleaned using water and neutral detergents with soft sponges or microfiber cloths. Avoid powdered detergents, strongly alkaline substances, and abrasive tools. Depending on usage conditions, the treatment may need to be reapplied after 12 to 24 months.

Additional notes / Recommendations

- Tool Cleaning: clean application tools with water after use.
  - Storage: store in a tightly closed container, away from heat sources, in a cool and dry place.
  - Shelf life: 12 months from production date if kept in original packaging and suitable conditions.
  - Batch number and expiry date are indicated on the packaging.
  - Safety: the product is not classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP) and subsequent amendments.
  - Notes: the information above is based on our research and experience. However, as the product's application conditions are beyond our control, we cannot accept liability for general use. We reserve the right to make technical modifications to improve the product or comply with new safety regulations.
- Always test product suitability on a sample area before full application.** Our technical team is available for further assistance.

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Botteganove