

# 7622 Stone Protection

## PRODUCT DESCRIPTION

**7622 Stone Protection** is a ready-to-use, water-based high-performance impregnation for absorbent, mineral substrates. It provides long-lasting protection against water, oil, dirt and environmental influences, reduces re-soiling, and inhibits the growth of algae, moss and microorganisms. The product forms an invisible, breathable protective layer that preserves the natural appearance of the surface and significantly simplifies cleaning.

### Applications

- Natural stone surfaces (granite, sandstone, limestone, slate, marble)
- Concrete and exposed concrete
- Clinker, brick, terracotta
- Paving stones, footpaths, terrace slabs
- Exterior and interior façades and masonry
- Gravestones and monuments
- Parapet walls, copings, balustrades, stair elements
- Architectural and precast concrete elements
- Protective treatment for mineral construction surfaces in outdoor environments

## PROPERTIES

- Water-, oil- and dirt-repellent
- Easy-to-clean effect
- Invisible protective layer – no noticeable change on most stone surfaces
- Breathable finish – does not seal the surface
- Reduces algae, moss and mould growth
- Reduces the formation of efflorescence
- UV- and weather-resistant
- Alkaline-resistant up to pH 10–11
- Fast drying and non-sticky
- Solvent-free and free from PFAS, PFOA and PFOS
- Non-flammable
- Slightly acidic formulation (pH approx. 4–5)

## PRODUCT SPECIFICATIONS & CHEMICAL PROPERTIES

<b>Base</b>	Water-based silane/siloxane formulation
<b>Active content</b>	Approx. 5–10 %
<b>VOC content</b>	< 1 %
<b>Flash point</b>	> 100 °C (non-flammable)
<b>Layer thickness</b>	No surface film; functional penetration depth approx. 1–10 µm (depending on porosity)
<b>Density</b>	Approx. 1.05 g/cm <sup>3</sup>
<b>Ph value</b>	≈ 5
<b>Odor</b>	Faint, characteristic
<b>Color</b>	colorless
<b>Consumption</b>	Approx. 10–15 m <sup>2</sup> per litre (depending on absorbency and surface structure)
<b>Temperature resistance</b>	Up to +120 °C continuous, +150 °C short-term
<b>Shelf life (liquid)</b>	12 months at 20 °C (unopened, stored correctly)
<b>Storage</b>	Cool (max. 20 °C), dry, well-ventilated, frost-free, sealed in original container
<b>Durability of coating</b>	Up to 2 years depending on substrate and exposure, a stronger version of 7622 with a durability of up to 10 years is available under Article No. 8637.

## PFAS INFORMATION

**7622 Stone Protection** contains no PFOA, PFOS or other PFAS compounds.

## APPLICATION & PROCESSING

### Preparation

- Surface must be clean, dry and free from detergents, dust, oils and residues
- Application temperature: +10 °C to +25 °C
- Apply undiluted
- **Always carry out a test area prior to full application**

### Application

- Apply evenly until the surface appears uniformly damp
- Suitable tools: brush, roller, microfibre applicator or low-pressure sprayer (max. 4 bar)
- Avoid aerosol formation
- Wipe or distribute any excess after a short dwell time
- Protect from moisture during curing (approx. 48 hours)

## CLEANING & CARE

No aggressive or acidic cleaners are required. Coated surfaces can be cleaned easily with water or mild cleaners (e.g. CCM Bio Cleaner Biosativa®). Do not use abrasive pads or strong acids. Regular maintenance extends protection performance.

## QUALITY STANDARDS – TESTS

- Hydrophobicity test: excellent water beading (contact angle > 110°)
- Oleophobicity test: resistance to oil, grease and common organic contaminants
- UV and weather resistance: no visible change after extended outdoor exposure
- Chemical resistance: resistant to pH 3–10, salt water and standard cleaning agents
- Breathability confirmed (no reduction in vapour diffusion)
- No visible change on natural or concrete stone (slight darkening possible on very dark stone)

## PACKAGING UNITS & VARIANTS

- **7622-1:** 1 litre bottle
- **7622-5:** 5 litre canister
- **7622-20:** 20 litre canister
- **7622-200:** 200 litre drum
- **7622-1000:** 1000 litre IBC

No concentrate version available.

## SAFETY & TRANSPORT

- Not classified as hazardous under CLP Regulation (EC) 1272/2008
- Contains isothiazolinone preservatives – may cause allergic reactions
- WGK 1 (low water hazard), non-flammable, not subject to ADR transport regulations

*HS Code 3402 9090*