

# ETERNAL® IN silver

Serial Number 1701

***antibacterial coating containing silver for highly loaded surfaces  
kitchens, bathrooms, halls, children's rooms***

## ***Features:***

**ETERNAL IN silver** is a special antibacterial coating for interior walls, which contains colloidal silver and forms hygienic bacteria-resistant coatings with long durability. These coatings are highly abrasion-resistant while wet, do not release any harmful substances and are odor less.

## ***Usage:***

**ETERNAL IN silver** is suitable for coating of interior walls and ceilings with high hygienic and durability demands. For example, interior of children's rooms, hospitals, schools, kindergartens and food processing areas. **ETERNAL IN silver** is suitable especially for lime, lime-cement and gypsum plasters, acrylic plasters, concrete, dispersive-silicate coatings, plasterboard, plaster-fiber board, fiber-cement and cement chipboard. For coating of one surface it is recommended to use product of the same batch.

## ***Technical data:***

Dry matter		min. 65 wt. %
Specific weight		1,4–1,5 g/cm <sup>3</sup>
pH		8,0–9,0
Viscosity Brookfield (A/5/10)		15–20 Pa.s (23 °C)
Drying	grade 1	30 minutes
	grade 5	1 hour
Wet abrasion resistance (ČSN EN 13300)		class 1
Whiteness (MgO = 100)		min. 90 %
Min. time for biocidal effect		24 h after the last layer
Content of volatile organic compounds (VOC):		
Category/subcategory of product		A/a
Max. volume of VOC in product		0 g/l
		0 kg/kg
TOC		0 kg/kg

## ***Consumption:***

0,20–0,30 kg/m<sup>2</sup> (2 layers)

## ***Practical surface coverage:***

3,3–5,0 m<sup>2</sup>/kg depending on quality and preparation of the surface

## ***Shades:***

white

Centers of **COLOR SYSTÉMU AUSTIS** tone into pastel shades according to samplers CSA Trend, Eurotrend, RAL.

**Packaging:**

1 kg, 4 kg plastic containers

**Storage:**

In original unopened containers between 5 °C and 25 °C. Do not leave the product on direct sunlight. It must not freeze!

**Surface preparation:**

Surface for **ETERNAL IN silver** must be mature, cohesive, perfectly cleaned, dry and degreased. Surfaces damaged by mold need to be cleared (while wet) of all mold and remediated with appropriate liquidation means (**ETERNAL odstraňovač plísní**). In case the damage by mold is caused by condensation of humidity (corners, ceilings), it is best to treat the surface by **ETERNAL IN thermo**. Surfaces with high absorption should be penetrated by special penetrating product **FORTE penetral** or **ETERNAL IN silver**, diluted by water in ratio 3 : 1. In case some stains of surface are visible after coating, it is suitable to treat these spots with isolation coating **ETERNAL IN stop**.

**Application:**

**ETERNAL IN silver** needs to be mixed properly before usage. It is possible to dilute **ETERNAL IN silver** with up to 5 % of water. It is applied on prepared surface no sooner than 4 hours after penetrating by brush, roller or spraying in surroundings from 5 °C to 25 °C. Second layer can be applied after the first one is dry, but no sooner than after 2 hours. Maintenance coatings can be applied on former coatings made with **ETERNAL IN silver** without removing of former coating. Used tools must be washed with water right after finishing of application. The coating will mature (abrasion resistance) after 28 days of drying in common surroundings around 20 °C. Rooms in healthcare facilities are painted with **ETERNAL IN silver** once every four years. In the event of contamination of walls and ceilings with biological material, the contamination must be removed by carefully washing the paint off, disinfecting the washed area and washing with water. Disinfectants do not adversely affect the antibacterial effectiveness of the coating. If the paint is damaged during washing, the damaged area must be repainted with **ETERNAL IN silver**.

**Certification:**

TZÚS Prague Authorized Person No. 204.

**Waste disposal:**

Described on safety data sheet of the product.

**Safety and hygiene at work:**

Biocidal product. Registered at MZDR ČR under the number MZDR 25271/2023/OBP.

Type of product: 7.

Form of product: painting coat for interior walls.

Active substance: reaction mixture of titanium dioxide and silver chloride [ES: 944-224-5] (2 g/kg).

According to law the product is classified as harmful to aquatic organisms. **Use biocides safely. Always read the label and product information before use.** Harmful to aquatic life with long lasting effects.

Avoid release to the environment. Dispose of contents/container in accordance with the relevant national legislation. Re-usage of packaging is not allowed.

***First aid:***

Wash your skin with water and soap. In case of contact with eyes, rinse your eyes with water. If the irritation does not stop, seek medical help. If swallowed, drink about 0,5 l of tepid water with 10 crushed charcoal tablets and seek medical help. Do not induce vomiting. Detailed information are on the Safety data sheet of the product.