

TIKKURILA

# ARGENTUM 20

HYGIENIC SPECIAL TOPCOAT



## DESCRIPTION

Special finishing paint, designed for interior walls and ceilings, to help in the hygiene management of demanding applications. The product contains active silver as an effective agent that will, together with a good factory hygiene, prevent the growth of bacterial strains on the painted surface. The product has been tested according to standard ISO 22196 with an exposure time of 24 hours. Strain classes 04, 05 and 06. The product is approved for indirect food contact (PZH, Hygienic Certificate).

## RECOMMENDED USES

Wall and ceiling surfaces in spaces in which the surface is expected to have excellent wear resistance and a high level of hygiene. For example lobbies, staircases and hospital corridors and patient rooms and other such facilities in which the surfaces are under major stress.

## PRODUCT FEATURES

For painting on concrete, plaster, filler, bricks and other common building boards. Suitable for both first application and maintenance painting.



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## TECHNICAL DATA

|                             |   |
|-----------------------------|---|
| <b>Base paints</b>          | A BASE  |
| <b>Colour Shades</b>        | Light shades can be tinted in Tikkurila colors.   |
| <b>Gloss</b>                | Semi-matt. 4/RT-class   |
| <b>Coverage</b>             | Approx. 8-9 m <sup>2</sup> /l.  |
| <b>Can sizes</b>            | 0.9 l, 2.7 l, 9 l, 18 l   |
| <b>Thinner</b>              | Water   |
| <b>Application method</b>   | Roller, brush or spray. - for airless spray application use nozzle 0.015"- 0.021" - thinning 0 – 5 vol.-% |
| <b>Drying time</b>          | Touch dry: approx. 2 h. Recoatable: approx. 4 h.  |
| <b>Density (kg/l)</b>       | approx. 1.2 kg/l, ISO 2811.   |
| <b>Chemical resistance</b>  | Resists solvents, e.g. White spirit.  |
| <b>Wash resistance</b>      | Very good. Withstands also washing with cleaning detergents and disinfectants used in hospitals.          |
| <b>Wet scrub resistance</b> | SFS-EN 13300 class I, ISO 11998.  |
| <b>Heat resistance</b>      | 85 °C, ISO 4211-2 and ISO 4211-3  |
| <b>Volume solids (%)</b>    | 40  |

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

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|------------------------|--|
| <b>Special feature</b> | <p>Has high virus inactivating properties against Bovine Coronavirus:</p> <p>The product has been tested to show a high virus inactivating activity against the Bovine Coronavirus (S379 Riems) using the quantitative carrier test according to ISO 21702:201. The test was carried out by Eurovir Hygiene-Labor GmbH (date of test report: January 4, 2021).</p> <p>Determination of antibacterial activity:</p> <p>The bactericide of the product has been tested according to ISO 22196. The bacterial strains used were Staphylococcus aureus ATCC 6538P and Escherichia coli ATCC 8739 for a period of 24 hours.</p> |
| <b>VOC</b>             | <p>(cat A/a) 30g/l (2010)<br/>Argentum 20 contains VOC max. 30g/l.</p>   |
| <b>Storage</b>         | <p>Protect from frost. Do not store in direct sunlight, even under a protective tarpaulin. Tinted product, or a product kept in an improperly closed or half-empty can will not withstand long-term storage. Close can carefully for next use. Must be protected from frost. Store in a dry and cool place, definitely protected from sunlight. Close the can carefully for the next use. Tinted paint or opened container does not withstand long-term storage.</p>   |

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be painted must be dry, the temperature of the air at least +10 °C and the relative humidity of the air below 80 %.

### Surface preparation

Unpainted surfaces:

Remove dirt and dust from the unpainted surfaces. Fill the surfaces with a suitable Presto or Prestonit filler, if needed, and sand the dried surface. Remove the sanding dust. Prime with Ässä 1 primer or Luja Universal Primer.

Previously painted surfaces:

Wash previously painted surfaces with Cleaning Agent (Maalipesu) according to instructions for use and let dry. Remove loose, flaking paint. Sand painted surfaces. Fill any holes and cracks and smooth the surfaces with suitable Presto or Prestonit Filler. Paint the smoothed areas with Ässä 1 Primer or Luja Universal Primer.

### Painting

Stir Argentum 20 well before use. Apply 1–2 layers with a roller, brush or spray gun.

### Cleaning of tools

Clean tools with water. Tikkurila Pensselipesu Tool Cleaner is recommended to remove slightly hardened paint.

### Maintenance instructions

After painting, surfaces must be handled with care for a few weeks as the product will reach its final hardness and durability under normal conditions after about a month. If you must clean the surfaces soon after surface treatment, clean them lightly using a soft brush or a damp cloth.

Clean the surface using neutral (pH 6–8) detergent solution with a damp cloth, sponge or brush. Clean soiled surfaces using mild alkaline (pH 8–10) detergent solution. Rinse the surface carefully after cleaning. The thinning instructions of the detergent manufacturer must be followed when mixing the solution.

### Maintenance treatment

A treated surface maintains its functionality for the maintenance painting interval of the paint film. Surfaces treated with Argentum 20 must be maintenance-treated with the same product so that they maintain their properties. The surface will lose its special properties if it is treated with other products.

### Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations.

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### Health and Safety

Harmful to aquatic life with long lasting effects. Avoid release to the environment. Wear protective gloves. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains 1,2-benzisothiazol-3(2H)-one (BIT), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)) and 2-octyl-2H-isothiazol-3-one (OIT). May produce an allergic reaction. This product contains a biocidal product for the preservation of the product during storage. Contains C(M)IT/MIT (3:1). This paint contains a biocidal product for the preservation of the dry film. Contains silver chloride and OIT.

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