

ARGENTUM 20

DESCRIPTION Special surface paint for wall and ceiling surfaces that require a high level of hygiene. The product contains active silver as an effective agent that will prevent the growth of bacterial strains on the painted surface together with good hygiene. The product has been tested according to standard ISO 22196 with an exposure time of 24 hours.

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

Concrete, plaster, filler and tile surfaces and most common building board surfaces in interior premises. Suitable for both first application and maintenance painting.

TECHNICAL DATA

Base paints	A
Colors	Light colors tinted according to Tikkurila's Symphony color card.
Gloss grade	Semi-matt
Emission classification of building materials	M1
Coverage	approx. 5–8 m ² /l.
Packaging	2.7 l, 9 l, 18 l.
Thinner	Water
Application	Brush, roller or airless spray gun. - nozzle 0.015"–0.021" - thinning 0–5 % by volume
Drying time at +23 °C relative humidity of the air RH 50%	Touch-dry after approx. two hours. Recoatable after approx. four hours.
Wash resistance	Excellent. Withstands also detergents and disinfectants used in hospitals.
Wet scrub resistance	SFS-EN 13300 class I, ISO 11998.
Chemical resistance	Withstands solvents, such as white spirit.
Heat resistance	85 °C, ISO 4211-2 and ISO 4211-3.
Solids volume	approx. 40 %.
Density	approx. 1.2 kg/l, ISO 2811.
Determination of antibacterial activity	The bactericide of the product has been tested according to ISO 22196. The bacterial strains used were <i>Staphylococcus aureus</i> ATCC 6538P and <i>Escherichia coli</i> ATCC 8739 for a period of 24 hours.
EU VOC 2004/42/EC-limit value	(cat A/a) 30g/l(2010). Argentum 20 contains VOC max. 30 g/l.
Storage	Protect from frost. Store in a dry and cool place, absolutely protected from sunlight. Close the can carefully for the next time it is used. Tinted paint or an opened can cannot withstand long-term storage.

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INSTRUCTIONS

Painting conditions	The surface to be painted must be dry, the temperature at least +10 °C, and the relative humidity of the air less than 80 %.
Pretreatment	Unpainted surface: Clean new surfaces from dirt and dust. If necessary, smooth surfaces with suitable Presto or Prestonit Filler and sand the dried surface. Remove any sanding dust. Prime the surface with Ässä 1 or Luja Universal Primer. Previously painted surface: Clean previously painted surfaces with Maalipesu detergent according to instructions. Remove any loose and flaking paint. Sand hard and glossy painted surfaces. Fill any holes and cracks and smooth the surfaces with a suitable Presto or Prestonit Filler. Prime the filled areas with Ässä 1 or Luja Universal Primer.
Painting	First application: Stir Argentum 20 well before use. Apply 1–2 coats with a roller, brush or spray gun. Maintenance painting: The 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.
Cleaning of tools	Wash the tools with water. Tikkurila Pensselipesu (Tool Cleaner) is recommended for removing 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 dilution instructions of the detergent manufacturer must be followed when mixing the solution.
HEALTH AND SAFETY CLASSIFICATION according to EC Directive 99/45/EC	Harmful to aquatic life with long lasting effects. Contains 1,2-benzisothiazol-3(2H)-one, 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) and 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. Wear protective gloves. Avoid release to the environment. This paint contains a biocidal product for the preservation of the dry film. Contains silver chloride and 2-octyl-2H-isothiazol-3-one. A Safety Data Sheet is available on request.
ENVIRONMENTAL and WASTE DISPOSAL	Avoid spillage into drains, water systems and soil. Recycle empty, dry cans or dispose them of in accordance with local regulations. Destroy liquid waste according to the local regulations for hazardous waste.
TRANSPORT	Not classified.

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