



EMISSION CLASS
M1
FOR
BUILDING MATERIALS



Description	
Properties	<p>Waterborne, matt paint for walls and ceilings in rooms with high performance requirements in dry and humid conditions.</p> <ul style="list-style-type: none"> ✓ Excellent opacity, covers the surface perfectly ✓ Good adhesion to the substrate ✓ Easy applications without dripping or splatter; easy to level out ✓ Forms a moisture and abrasion resistant coating that withstand frequent cleaning and washing ✓ The paint does not give off harmful substances into the air and has been classified as emission class M1 ✓ Forms a non-reflective coating, equally matt at different viewing angles ✓ Highest grade of wash resistance (1. class according to EN 13300) ✓ Almost odourless ✓ Dries fast ✓ Can be tinted <p>Maximum permissible VOC content for the product (subcat a): 30 g/L; maximum VOC content in the product: <10 g/L.</p> <p>Gloss:</p> <ul style="list-style-type: none"> • Matt (~7) in accordance with EN 13300 • group 5 in accordance with RYL 2012 <p>Wash resistance:</p> <ul style="list-style-type: none"> • class 1 in accordance with EN 13300 (ISO 11 998) • group 314 of painting regulations in accordance with RYL 2012 <p>Indoor load class:</p> <ul style="list-style-type: none"> • RL 05 Particularly high loads and high requirements in dry indoor spaces according to RYL 2012
Purpose	Painting walls and ceilings in rooms with high performance requirements (kindergartens, schools, universities, libraries, hotels, offices, stairwells and other social and housing quarters). Not suitable for painting floors, doors and furniture.
Types of surfaces for painting	Surfaces previously painted with latex, alkyd or oil-base paints or new surfaces made of concrete, aerated concrete, gypsum board; brick; surfaces finished with filler or plastered and surfaces covered with glass fiber wallpaper or other rolled finishing materials. For interior use.

Quality standards and labels	
<ul style="list-style-type: none"> ✓ EN 13300 [Paints and varnishes. Water-borne coating materials and coating systems for interior walls and ceilings. Classification] – classification standards of coverage, gloss level and wet abrasion resistance parameters for water-borne coating materials for interior walls and ceilings. ✓ VOC (volatile organic compounds) – content in accordance with the European Union directive 2004/42/CE. ✓ Product and service quality is guaranteed by the quality, environmental protection, occupational health and safety management system in accordance with standards ISO 9001:2015; ISO 14001:2015 and ISO 45001:2018. 	
Product specifications	
Surface preparation before painting	The surface to be painted must be carefully cleaned from loose or peeling material, dirt, grease and dust. If mould removal is necessary, use Biotol E or Biotol Spray. Sandpaper durable alkyd substrates until they are matt and remove the dust thoroughly. If the surface is very dirty, wash it with EasyClean. Use a putty from the FILLER line to fill cracks, holes and uneven areas. Sand the filled surface to make it even and remove sanding dust. Prime filled surfaces with Aquastop or Tiefgrund moisture barrier to reduce porosity. Fiberboard and chipboard should be primed with Luotto Tartuntapohja Aqua or Kruntex. To reduce consumption, we recommend using Esk Pro 3 or Flat for priming. Follow the product instructions for use.
Application	Stir the paint thoroughly before application. Mixing tinted paint in one container is recommended. Apply 2 coats with a roller or spray gun at the temperature between +10 °C and +25 °C and relative air humidity below 80%. When using a spray gun or for the application of the first coat, dilute the paint with water in the amount of 5% until it reaches working viscosity. Apply undiluted paint for the finishing coat. Avoid application in drafty places and at high air temperature (over +25 °C). When painting, make sure to keep a wet edge. If you must work in unfavorable conditions (drafts, heating devices, high temperature, low humidity), we recommend adding the TIME+ drying time extender (up to 3% of the paint volume). When painting corners, filled with acrylic sealant, wait until it dries completely. Follow the product instructions for use.
Care for the painted surface	The coating reaches its peak wash resistance in 4 weeks; treat the surface with care until its hardness and wash resistance have reached their peak levels. If necessary, the surface can be lightly wiped with a soft sponge or cloth approximately 48 hours after paint application. We recommend using water and neutral or mildly alkaline detergents (pH below 9) for cleaning. Do not use organic solvents, abrasive detergents or stiff brushes and rough sponges. Excessive rubbing may make the surface glossy. Use soft sponges and cloths for cleaning. Wipe the surface dry after wet cleaning. Use Biotol E and Biotol Spray to remove mould. Follow the product instructions for use.
Colour	White.
Tinting	Machine tinting according to the Eskarocolor system (base A & TR).
Consumption	7...12 m ² /L each coat.
Thinner	Water.
Drying time	At the temperature of +23 °C and the relative humidity of 50%, the surface is ready for the application of another coat in 2–2,5 hours. The surface is fully dry in 12 hours. The coating reaches its peak wash resistance in 4 weeks.
Tools	Roller, airless spray gun (nozzle: 0.017–0.021"), brush.
Tool cleaning	Wash with soap and water after completing work.
Additional information	
Frost resistance	None.
Storage conditions	Store in a tightly sealed container at the temperature between +5...30 °C. Protect from exposure to freezing and direct sunlight.
Safety precautions	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. Keep out of reach of children.
Waste treatment	Avoid release to the environment. Dispose of the contents/containers in accordance with the current legislation on waste treatment. Waste treatment methods: code 08 01 12- Waste paint and varnish other than those mentioned in 08 01 11, waste class (Regulation (EU) No 1357/2014): non-dangerous.
Density	1,3 kg/L.
Volume/weight:	0,9 L – 2,7 L – 9 L
<p>The information concerning the product is based on the results of laboratory tests and practical use of the product depending on the location and conditions of its use. As the manufacturer, we guarantee the quality of the product and provide the best recommendations for its appropriate application. As the manufacturer, we cannot control the conditions and circumstances of product transportation, storage and application and numerous other factors that affect its use. Thus, we shall not bear responsibility for the damage caused by ignoring the instructions for use or transportation, by noncompliance with storage conditions and timeframes or by inappropriate application of the product. The manufacturer reserves the right to alter product information at their discretion without prior notice. For additional information, please contact us: https://eskaro.ee/en/contact/</p>	