



## UNIVERSE Wood&Metal

Universal enamel paint for wood and metal

- ✓ Silk mat
- ✓ Water-based enamel paint
- ✓ Does not discolour to yellow
- ✓ Quick drying
- ✓ For indoor and outdoor use
- ✓ Suitable for children's furniture and toys
- ✓ Can be tinted. Ready-made shades: anthracite, green, dark brown, light gray, black, carpenter's white



### Description

<b>Properties</b>	<p>Silk mat water-based acrylic water-dispersion paint for wooden and metal surfaces for indoor and outdoor conditions.</p> <ul style="list-style-type: none"> <li>✓ Forms a smooth surface of the silk mat</li> <li>✓ Thanks to the special multiphase acrylic binder, the paint has excellent adhesion and short drying time</li> <li>✓ No strong odour</li> <li>✓ Suitable for children's furniture and toys (according to EN 71-3)</li> <li>✓ Abrasion and waterproof</li> <li>✓ Does not turn yellow over time</li> <li>✓ Wear resistant: highly resistant to mechanical load</li> <li>✓ Resistant to temperatures up to 80 °C</li> <li>✓ The paint does not give off harmful substances into the air and has been classified as emission class M1</li> </ul> <p>Maximum permissible EU VOC content for this product (subcat. d): 130g/L; maximum VOC content in the product &lt;130g/L.</p> <p><b>Wash resistance:</b></p> <ul style="list-style-type: none"> <li>✓ class 1 in accordance with EN 13300 (ISO 11 998)</li> </ul>
<b>Purpose</b>	<p>Suitable for new and previously painted (with alkyd and oil paints) or varnished wood, fiberboard, chipboard, primed metal surfaces. Not recommended for previously industrially painted surfaces, as well as aluminum and unprimed galvanized surfaces. Not suitable for painting horizontal exterior surfaces and floors.</p>
<b>Types of surfaces for painting</b>	<p>Garden furniture and constructions, details of wooden facades, fences, flower trellises, doors, window frames, furniture elements, toys, skirting boards, etc. As well as previously primed metal surfaces.</p>
<b>Quality standards and labels</b>	<ul style="list-style-type: none"> <li>✓ 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.</li> </ul>

	<ul style="list-style-type: none"> <li>✓ VOC (volatile organic compounds) – content in accordance with the European Union directive 2004/42/CE.</li> <li>✓ EN 71-3 – standard requirements for the safety of children's toys.</li> <li>✓ 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.</li> </ul>
<b>Product specifications</b>	
Surface preparation before painting	Clean surfaces from dust, grease, and loose peeling particles. Wash soiled surfaces with Easy Clean detergent and let them to dry. Darkened wood can be cleaned with WoodClean and, if necessary, treated with Biotol E (Biotol Spray) to remove mold or greenness from the surface. Rinse the cleaned surface with water and let it dry. Remove resin from knots. For outdoor use, prime wooden surfaces with deep impregnation agent Biostop or Biostop Aqua. Remove rust from metal surfaces and prime with Katto Primer. Follow the usage instructions for the mentioned products.
Application	Before use, mix the paint thoroughly. Tinted paint is recommended to be mixed in one container. Apply 1–2 layers with a brush, roller, or spray at a temperature of +10...25°C and relative humidity below 80%. When applying the first layer or painting with a spray, the paint can be diluted with water up to 5% of the volume. Try to maintain a "wet edge" while painting.
Care for the painted surface	The surface reaches its final wear resistance within 4 weeks. Until then, cleaning should be avoided. If absolutely necessary, the surface can be cleaned earlier using a soft sponge or cloth with lukewarm water, but not earlier than two days after painting. To wash the painted surface, use water and a neutral detergent. Do not use organic solvents, abrasive cleaning agents, or abrasive sponges or brushes. To remove mold, we recommend using Biotol E or Biotol Spray (refer to the product manual for instructions).
Colour	White, ready-mix shades: anthracite, green, dark brown, light gray, black, carpenter's white.
Dilution	The product is ready for use. When applying the first layer or painting with a spray, it can be diluted with water up to 5% of the volume.
Tinting	Machine tinting according to the Eskarocolor system (based A and TR).
Consumption	7-10 m <sup>2</sup> /L (one coat).
Thinner	Water.
Drying time	At a temperature of +23°C and a relative humidity of 50%, dry to the touch after 0.5-1 hour and application of the second layer in 6 hours.
Tools	Roller, brush, paint gun.
Tool cleaning	Clean the tools with water after completing work.
<b>Additional information</b>	
Frost resistance	Not frost-resistant.
Storage conditions	Store in a tightly closed container at the temperature between +5°C....+30°C. Protect from exposure to freezing and direct sunlight.
Safety precautions	Contains 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, 3-iodo-2-propynylbutylcarbamate, a reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May cause an allergic reaction. In case of medical advice, take the product packaging or label with you. Keep out of reach of children. The EU VOC content limit for this product (subcategory d) is 130 g/L. The actual VOC content in the product is < 130 g/L.
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	1,2 kg/L.
	0,9L - 2,7L - 9L
<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: <a href="https://eskaro.ee/en/contact/">https://eskaro.ee/en/contact/</a></p>	