



UNIVERSE Wood&Metal

Universal enamel paint for wood and metal

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



Description	
Properties	<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"> ✓ Forms a smooth surface of the silk mat ✓ Thanks to the special multiphase acrylic binder, the paint has excellent adhesion and short drying time ✓ No strong odour ✓ Suitable for children's furniture and toys (according to EN 71-3) ✓ Abrasion and waterproof ✓ Does not turn yellow over time ✓ Wear resistant: highly resistant to mechanical load ✓ Resistant to temperatures up to 80 °C <p>Maximum permissible EU VOC content for this product (subcat. d): 130g/L; maximum VOC content in the product <130g/L.</p> <p>Wash resistance:</p> <ul style="list-style-type: none"> ✓ class 1 in accordance with EN 13300
Purpose	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 recommended for painting large wooden facades and floors.
Types of surfaces for painting	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.
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. ✓ EN 71-3 – standard requirements for the safety of children's toys ✓ 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 degreased and cleaned from peeling paint, dirt and dust; it must also be dry. Wash soiled surfaces with Easy Clean detergent and allow to dry. Darkened wood can be cleaned with Wood Clean 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 the resin from the branches. In outdoor conditions, impregnate wooden surfaces with deep impregnation agent Biostop or Biostop Aqua V. Remove rust from metal surfaces and prime with Katto Primer. Hard glossy surfaces should be sanded until they are matt. Please follow the product application manual.
Application	Stir the paint thoroughly before application. Mixing a sufficient quantity of the tinted paint from several cans in one container is recommended for ensuring that the colour of large surfaces is even. Apply 1-2 coats with a brush, roller or spray gun at the temperature between +10 °C and +25 °C and relative humidity not exceeding 80%. If necessary, dilute with water in the amount of 5% of its volume. Nozzle diameter 0.017-0.021 inch when spray painting. When painting, try to maintain a "wet edge".
Care for the painted surface	The coating reaches its peak wash resistance in about 4 weeks; in the meantime, 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 medium alkaline detergents (pH below 9) for cleaning. Do not use organic solvents, abrasive cleansers and hard scrubbing brushes or sponges. Hard rubbing can make the surface glossy. To remove mold, we recommend using Biotol E or Biotol Spray. Please follow the product application manual.
Colour	White, finished shades; anthracite, green, dark brown, light gray, black, carpenter's white.
Dilution	Product is ready to use. Allowed dilution 5% of the volume.
Tinting	Machine tinting according to the Eskarocolor system (based A and TR).
Consumption	7-10 m ² /L (one coat)
Thinner	Water
Drying time	At a temperature of +20 °C and a relative humidity of 80%, dry to the touch after 0.5-1 hour and application of the second layer in 6 hours.
Tools	Roller, brush, paint gun (nozzle 0.017-0.021")
Tool cleaning	Clean the tools with water after completing work.
Additional information	
Frost resistance	Not frost-resistant
Storage conditions	Store in a tightly closed container at the temperature between +5 °C and +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, 3-iodo-2-propynylbutylcarbamate, a reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and of 2-methyl-2H-isothiazol-3-one. 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	1,24 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: http://eskaroo.ee/kontaktid/main_office_contacts/</p>	