

COELAN[®] BOAT COATING SILK-MATT

PRODUCT DESCRIPTION	
Product Features	one-component, transparent coating based on polyurethane resin
Finish	glossy, silk-matt
Packing Units	375 ml tin 750 ml tin
Characteristics	<ul style="list-style-type: none"> • light stable • viscous • crack bridging • ready for use • weather and UV-resistant • high elasticity • resistant to abrasion • water vapour permeable
Field of Application	Transparent, silk-matt topcoat on COELAN[®] Boat Coating Glossy
Storage	Storable approx. 12 months in closed original containers in dry rooms at temperatures between +5°C and +25°C. Avoid direct sunlight. 24 hours before application, the material should be acclimated at temperatures between +18°C and +20°C. Opened containers have to be sealed off airtightly and firmly and should be used up as soon as possible.
PRODUCT DATA	
Density	approx. 1,1 g/ml
Temperature Resistance	- 40°C to + 90°C
Consumption	silk-matt = approx. 200 ml/m ² (may only be applied as final topcoat)
Drying Time / Hardening (20°C)	after 6 h overcoatable after 2 days normally loadable after 7 days fully loadable Lower temperatures and lower air humidity increase, and higher temperatures and higher air humidity shorten the hardening / drying time.
Elongation	270 %
Water Vapour Diffusion Rate	μ = approx. 5.820 acc. to DIN 52615

UV-Resistance	UV-light from 290 nm – 380 nm will be absorbed to > 99%.
Light Stability	Acc. to DIN 53 388 class 8 (class 1= worst light stability and class 8 = best light stability)
APPLICATION INSTRUCTIONS	
Abrasion	According to DIN, the highest resistance level is reached after 650 turns. Result of the test: 3600 turns.
Priming	Different boat building materials require different primers: Wood: COELAN® Primer for Boat Coatings (approx. 100 ml/m ²) Steel, aluminium, GRP: no priming needed Elastic substrates: COELAN® Flexoprimer LE for Boat Coatings (approx. 50 ml/m ²)
Application	The COELAN® Boat Coating is to be applied evenly in several coats by means of a brush or a foam roller. Please make sure that you apply it in sufficiently thick coats. For the application on vertical areas (to prevent the coating from dripping), it might become necessary to dilute the material with our COELAN® Thinner . The degree of thinning can be between 10% and 30%. Spray-painting (i.e. low pressure) gives also good results. Depending on the spraying process used, viscosity should be suitably adjusted with our thinner, as well. An airless-spraying is not possible. The total consumption should always be 1.000 ml/m ² . As final layer / topcoat apply COELAN® Boat Coating Silk-matt thinly by means of a foam roller or a brush.
Working Temperature	Temperature of material, air and substrate must be min. + 5°C to max. +30°C, rel. air humidity < 85%. The temperatures of the substrate should be at least 3°C above dew point.
Tool Cleaning	COELAN® Thinner
IMPORTANT INFORMATION	
<p>With bituminous and acrylic glass substrates there might be an incompatibility due to the solvents. There is no adhesion on silicone and WKT.</p> <p>Please mind that certain substances (e.g. copper, rust, leaves and flowers) can cause durable discolorations within the coating due to their contents of pigments. Ascending moisture can lead to a detachment of the coating.</p> <p>A permanent preservation of this coating requires a regular maintenance.</p> <p>A correctly applied coating with this liquid resin is physiologically harmless in cured condition.</p> <p>Danger information, measures of precaution, danger classes and information for disposal as per Safety Data Sheet.</p>	

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To the best of our knowledge, the technical information contained in this product information is reliable. As the product may be used under conditions, which we cannot foresee, this advice is not legally binding. Furthermore, we reserve the right to make technical changes in line with progress. With the publication of this issue, any existing technical information is invalid. For any queries please contact our special technical advice service. Agreements and warranties must in principle be in writing. Verbal agreements should therefore be confirmed in writing. In addition, our terms of delivery and payment apply.
