

Technical Data Sheet

Description:

Gel aroma-free lasure with UV filter

Usage:

High quality non-sagging thin film gel lasure with UV filter based on oil. Used for wooden cottages, pergolas, arbours, summerhouses, fences, ceilings, casing frames, balks and garden furniture. Contains fungicidal agents, protects against mold, fungi and wood blueing. Suitable for new uncoated wood or for renovation of old coatings. Lasure is possible to use as a wood penetration coating before application of colourless varnish. This is recommended especially for strained surfaces such as tables and furniture or paneling.

Substrate:

Wood

Colours:

0000-bezbarvá, 0010-bílá, 0015-antracit, 0017-borovice, 0019-dub, 0020-kaštan, 0021-ořech, 0022-palisandr, 0023-teak, 0060-pinie, 0070-modřín, 0080-mahagon

Specific gravity: (ČSN EN ISO 2811-1)

0,85 g/cm³

Solids: (ČSN EN ISO 3251)

by weight 32 %

by volume 25 %

Theoretical spreading rate: (ČSN EN ISO 23811)

undiluted paint			
20 µm DFT	14,7 m ² /kg	12,5 m ² /liter	68,0 g/m ²
60 µm DFT	4,9 m ² /kg	4,2 m ² /liter	205,0 g/m ²

To reach 20 µm DFT apply 80 µm undiluted paint. Practical spreading rate depends on application method and conditions, shape and roughness of the surface.

Drying: (ČSN 673052)

80 µm WFT, temperature 23 ± 2°C, relative humidity 50 ± 5%, supply viscosity	surface dry (grade 1)	to touch (grade 3)	to manipulation (grade 4)
	4 hours	8 hours	18 hours

Drying and recoatability time strongly depend on wet film thickness, temperature, humidity, ventilation and paint colour. Fully load and measure the coated film after 7 days, laboratory testing after 3 weeks of drying under the above conditions.

Gloss: (ČSN ISO 2813)

Semi-matt 15 GU, angle-wise 60°, supply viscosity

Supply viscosity:

Thixotropic liquid unmeasurable by ISO outflow cup type



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Recommended dilution: (ČSN 673032)

not diluted

Sagging: (ČSN EN ISO 16862)

temperature $23 \pm 2^{\circ}\text{C}$, relative humidity $50 \pm 5\%$	
supply viscosity	no sagging 120 μm WFT

Application conditions:

The surface must be dry. The air, surface and paint temperature cannot decrease below $+5^{\circ}\text{C}$ during application and drying. Relative humidity cannot exceed 80%. The surface temperature must be at least 3°C above the dew point.

Surface preparation:

Previously painted surfaces: Remove all loosely adhering materials by sanding, repair damage to the substrate, then remove the residual grit by vacuum cleaning. Clean thoroughly the surface. Then apply 1-2 renovation coats (min. 60 μm DFT). Observe the compatibility of preceding and subsequent coats.

Wooden surfaces: The surface must be dry and cleaned of contamination, wax, grease, flaking and incoherent material. Fill cracks and holes with a stopper on wood. Sand all filled and glossy surfaces. Remove the residual dust by vacuum cleaning. In case of increased risks apply an insecticidal and an antifungal agent. As a renovation coating apply one or two layers of paint (min. 60 μm DFT), as a priming coat of uncoated wood apply two or three layers (min. 80 μm DFT) according to the structure of wood. For reaching the highest quality gently sand the surface with a sandpaper Nr. 240 after every coat.

Application method:

Airless spraying, airmix spraying, brush or roller.. For airless spraying use the nozzle orifice of $\text{Ø } 0.011'' - 0.021''$, nozzle pressure: 120 - 180 bar, adjust the angle of application to the shape of the surface. For airmix spraying use the nozzle orifice of 1.5 - 2 mm, nozzle pressure: 3 - 4 bar. For application by brush/roller select appropriate equipment according to the paint type and viscosity.

Storage:

in the original unopened packaging at temperatures between $+5^{\circ}\text{C}$ and $+25^{\circ}\text{C}$.

Packaging in l:

0,75; 3

Packaging of base 0000 in 1:

0,75l - 0,64kg; 3l - 2,56kg





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Notes:

DFT - dry film thickness
WFT - wet film thickness

MS - medium dry matter
HS - high dry matter

GU - Gloss Unit
KU - Krebs unit of viscosity

All information given in this technical data sheet are based on our best knowledge, laboratory test results and practical experience to the date specified below. According to the fact that the conditions of the product's use are out of our control, we can only guarantee the product quality itself. As a producer we cannot be responsible for damage arising from the use of the products without following above recommended instructions or for improper purposes. We reserve the right to change above specified information without prior notice. Always request the actual version of the product data sheet. This technical data sheet replaces all previously released. The validity of the data provided here will be terminated automatically after five years.

