

Waterbased matt varnish based on a PU-modified alkyd emulsion**Application**

- As a matt finishing layer for the most common used building materials (wood, metal, ...)
- For interior and exterior applications

Properties

- Ready-made.
- Scratch and wear resistant.
- Good flowing character.
- Fast drying.
- Good adhesion.
- Mate finishing.
- Free from solvents.

Directions**Preparation**

- The surface to be treated should be appropriate and in good condition. It should be workable, dry and clean. Dust, dirt, grease and other loose or foreign materials need to be removed.

Unpainted substrate

- Degrease with diluted Omniclean (or equivalent).
- Subsequently sand, wash and allow to dry.
- Pretreat all types of wood with Estetik Isolprim.
- Pretreat ferrous and non-ferrous metals with Metarust Primer.

Painted substrate

- Remove, repair and pretreat poorly adhering (paint) layers as described above (unpainted substrate).
- Thoroughly clean and degrease the (paint) layers with diluted Omniclean (or equivalent).
- Then scuff and subsequently remove all dust.

Finishing

- Apply 2 coats of **Esterno Mat**.
- Scuff between coats.

Processing conditions

- Substrate temperature: min. 3°C above dew point
- Ambient temperature: min. 8°C – max. 20°C (higher temperatures accelerate the drying and hinder the processing and flowing of the product)
- Relative air humidity: max. 80%
- Wood moisture content: max. 18%
- Do not apply in direct sunlight or in case of (imminent) frost, rain or risk of rain.

Processing equipment

- Every painter has his own preference. The types mentioned below are merely recommendations with which we have experience.
- Brush: Hybrid brush: mixture of pig bristles and synthetic bristles (type Chinex), or fully synthetic.
- Roller: felt roller, foam roller (type Velvet) or microfibre roller.
- Airless or HVLP.

Important remarks

- No other products or components may be added to this paint.
- The result depends on the substrate and its preparation, coating thickness and the tools used.
- Take care when using white and light shades indoors: they can yellow over time if not exposed to sufficient natural light. This is a characteristic of alkyd resins but has no further technical consequences.
- When in doubt with regard to the substrate, an adhesion test must be performed.
- To ensure optimum and long-lasting protection of the paintwork and substrate, regularly clean the surfaces with pure water.
- Tool cleaning: (demineralized) water.

Technical characteristics

Form	liquid	
Specific weight	+/- 1,29 (white)	
Dilution	none (product is ready-to-use)	
Content of solid substance	+/- 42%	
COV-content	56 gramme per liter	
Raw materials	waterbased PU-modified alkyd emulsion	
Drying times (20°C, 65% RV)	Dust-dry	+/- 1 hour
	Tack free	+/- 4 hours
	Can be painted over	+/- 8 hours
Drying times (10°C, 80% RV)	Dust-dry	+/- 3 hours
	Tack free	+/- 10 hours
	Can be painted over	+/- 16 hours

Colors

A wide range available on the coloring machine.

Gloss level

Matt (60° : 5)

Quantity to use

Min. 90 ml/m² for a wet layer thickness of 90 µm per layer.
(corresponds with +/- 11 m²/L for a wet layer thickness of 90 µm per layer)
90 µm wet layer thickness makes +/- 38 µm dry layer thickness.

Packaging

1 L, 2,5 L

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

Transport and store away from frost. Protect the product and its packaging against direct sunlight. Avoid storage at temperatures >30°C.

Storage life

1 year after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.