

Merit Blond 10

PRODUCT DETAILS

DESCRIPTION

A two component acid catalysed lacquer.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A fast drying, slightly yellowing lacquer for interior use.
- ◆ Contains UV protection agent.
- ◆ Can be used as a protection lacquer for acid catalyzed paint.
- ◆ Recommended for furniture and parts of furniture, kitchen cabins, doors and other wooden surfaces.
- ◆ Especially suitable for light sorts of wood.
- ◆ Emission levels of this paint fulfils the E1-classification. Paint has been tested according to EN 717-1, and formaldehyde emission is less than 0.124 mg/m³ air.

TECHNICAL DATA

Volume solids 29 ± 2 %

Weight solids 37 ± 2 %

Specific gravity 1.0 kg/litre

Mixing ratio and product codes

Paint	100 parts by volume	900 2937
Hardener	10 parts by volume	006 2098

Pot life (+ 23°C) 48 hours.

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
dry	wet	
25–35 µm	80–100 g/m ²	7–8 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying times

80–100 g/m ²	+25°C	+50°C
Touch dry, after	15–25 min	5–15 min
Dry to sand, after	2–3 h	20–30 min
Dry to stack, after	24 h	40–60 min

Stacking temperature below +35°C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Airless spraying, air assisted airless spraying and conventional spraying.

Application methods

Gloss Matt.

Colours Clear.

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Surface preparation	Wood surfaces should be sanded with sandpaper P150–240. Primed surfaces should be sanded with sandpaper P240-400. All sanding dust must be removed before lacquering.
Recommended primers	Merit Blond 10 and Merit Sealer.
Application conditions	The surface to be treated has to be clean and dry. During application and drying the temperature of the air, the surface to be treated and the lacquer has to be over +18°C and the relative humidity of the air below 70%.
Mixing components	<p>Stir the lacquer carefully before use. Add 10 volume % of Hardener 006 2098. Thin the lacquer to the viscosity required.</p> <p>Do not use iron containers as mixing container. Instead use plastic, enamel or acid resistant steel containers. In case the acidated lacquer mixture is used on the next day, add at least an equal amount of fresh lacquer mixture.</p>
Application (+23 °C)	<p>For airless spraying, the product is thinned approximately 5–20% to the viscosity 20–30 (DIN4). Recommended nozzle tip is 0.009"–0.013" and pressure 100–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For air-assisted airless spraying, the product is thinned approximately 5–20% to the viscosity 20–30 (DIN4). Recommended nozzle tip is 0.009"–0.013" and pressure 40–120 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For conventional spraying, the product is thinned approximately 5–20% to the viscosity 20–30s (DIN4). Recommended nozzle tip is 1.0–1.8 mm and pressure 2–3 bar.</p>
Thinner	Thinner 1033, 1035 or 1058.
Cleaning of equipment	Thinner 1033, 1035 or 1058.
VOC	The Volatile Organic Compound amount is 610 g/litre of paint mixture. VOC content of the paint mixture (thinned 20% by volume) is 650 g/l.
HEALTH AND SAFETY	<p>Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.</p> <p>A health and safety data sheet is available on request from Tikkurila Oyj.</p> <p>For professional use only.</p>
More information	If you have any questions about this product, please go to web site www.tikkurila.com or send an e-mail to info.coatings@tikkurila.com .

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