

# Merit Blond 90

## PRODUCT DETAILS

### DESCRIPTION

A two-component acid catalysed lacquer.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A fast drying and non-yellowing lacquer.
- ◆ Contains UV protection agent.
- ◆ Can be used as a protection lacquer for acid catalyzed paint.
- ◆ Recommended for furniture and parts of furniture, kitchen cabinet, doors and other wooden surfaces.
- ◆ Especially suitable for light sorts of wood.

### TECHNICAL DATA

**Volume solids** 26±2 %

**Weight solids** 32±2 %

**Specific gravity** 0.9 kg/l

**Mixing ratio and product codes**

Lacquer	100 parts by volume	909 0042
Hardener	4 parts by volume	006 2096

**Pot life (+23°C)** 2 days.

### Recommended application and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
dry	wet	
25–35 µm	80–100 g/m <sup>2</sup>	7–10 m <sup>2</sup> /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 <sup>2</sup>	+23°C	+50°C
Touch dry, after	30–40 min	10–20 min
Dry to sand, after	3–5 h	20–30 min
Dry to pack, after	24–48 h	70–90 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.

### Application methods

Air assisted airless spraying and conventional spraying.

### Gloss

Full gloss.

### Colours

Clear.

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### APPLICATION DETAILS

<b>Surface preparation</b>	Wood surfaces should be sanded with sandpaper P150–240. Primed surfaces should be sanded with sandpaper P240–1000. All sanding dust must be removed before lacquering.
<b>Recommended Primers</b>	Merit Blond 90, Merit Sealer or Merit Sanding.
<b>Application conditions</b>	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%.
<b>Mixing components</b>	<p>Stir the lacquer carefully before use. Add 4 volume % of Hardener 006 2096. Thin the lacquer to the viscosity required with Thinner 1025.</p> <p>Do not use iron containers as mixing container. Instead use plastic, enamel or acid resistant steel containers.</p> <p>In case the lacquer mixture is used on the next day, add at least an equal amount of fresh lacquer mixture.</p>
<b>Application (+23°C)</b>	<p><b>Air assisted airless</b> application viscosity 20–30 s (DIN 4) can be reached with approximately 5–20 % of thinning. Nozzle tip 0.009"–0.013" and nozzle pressure 40–120 bar. Atomising air pressure is recommended to be used with pressure 1–3 bar. Spray angle shall be chosen according to the shape of the object.</p> <p><b>Conventional</b> application with viscosity 20–30 s (DIN 4) can be reached with approximately 5–20 % of thinning. Nozzle tip 1.0–1.8 mm is recommended to be used with pressure 2–3 bar.</p>
<b>Thinner</b>	Thinner 1025.
<b>Cleaning of equipment</b>	Thinner 1025 or Thinner 1035.
<b>VOC</b>	The Volatile Organic Compounds amount is 625 g/litre of paint. Maximum VOC content in ready to use paint (thinned 20 % by volume) is 664 g/l.
<b>HEALTH AND SAFETY</b>	<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><b>For industrial use only.</b></p>
<b>More information</b>	If you have any questions about this product, please go to web site <a href="http://www.tikkurila.com">www.tikkurila.com</a> or send an e-mail to <a href="mailto:info.coatings@tikkurila.com">info.coatings@tikkurila.com</a> .

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