

## Merit Blond 25

### 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, doors and other wooden surfaces.
- ◆ Especially suitable for light sorts of wood.

#### TECHNICAL DATA

**Volume solids** 28±2 %

**Weight solids** 34±2 %

**Specific gravity** 0.9 kg/l

**Mixing ratio and product codes**

Lacquer	100 parts by volume	908 0256
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	20–30 min	10–20 min
Dry to sand, after	2–3 h	20–30 min
Dry to pack, 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.

#### Application methods

Airless spraying, air assisted airless spraying and conventional spraying.

#### Gloss

Semi-matt.

#### 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 P240–600. All sanding dust must be removed before lacquering.
<b>Recommended Primers</b>	Merit Blond 25 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.</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>For <b>airless spraying</b>, the product is thinned approximately 5–20% to the viscosity 20–30s (DIN 4). Nozzle tip 0.009"–0.013" and the nozzle pressure 100–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For <b>air-assisted airless spraying</b>, the product is thinned approximately 5–20% to the viscosity 20–30s (DIN 4). Nozzle tip 0.009"–0.013" and the nozzle 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 <b>conventional spraying</b>, the product is thinned approximately 5–20% to the viscosity 20–30s (DIN 4). Nozzle tip 1.0–1.8 mm and the nozzle pressure 2–3 bar.</p>
<b>Thinner</b>	Thinner 1033, 1035 or 1058.
<b>Cleaning of equipment</b>	Thinner 1033, 1035 or 1058.
<b>VOC</b>	The Volatile Organic Compounds amount is 620 g/litre of lacquer. Maximum VOC content in ready to use lacquer (thinned 20% by volume) is 660 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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The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.