

## NOVIPUR 100

### DESCRIPTION

A two component, high-gloss polyurethane topcoat.

### PRODUCT FEATURES

- ◆ Very hard and scratch resistant topcoat for painting of high quality furniture, doors and other wooden surfaces indoors.
- ◆ Colours according to Temaspeed Premium tinting system.
- ◆ Aliphatic hardener 007 1250 is recommended for TAL-base due to its non-yellowing nature.

### TECHNICAL DATA

#### Solids content

61 weight-%, mixture 55 weight-% (TAL-base)  
62 weight-%, mixture 55 weight-% (TCL-base)

#### Specific gravity

1,2 kg/litre.

#### Mixing ratio and product codes

Paint	100 parts by volume	587-s
Hardener	50 parts by volume	007 1250 (aliphatic hardener)

or

Paint	100 parts by volume	587-s
Hardener	50 parts by volume	007 1374 (aromatic hardener)

#### Recommended spreading amounts and theoretical coverage

8-10 m<sup>2</sup>/l (100 µm).

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

#### Pot life (23 °C)

8 hours.

#### Drying times (100 - 120 g/m<sup>2</sup> WFT)

Dust dry after 15 minutes in the room temperature 23 °C.  
Dry to stack minimum 24 hours in room temperature 23 °C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation. Stacking temperature of the painted objects below 35 °C.

#### VOC

Maximum VOC content in ready to use mixture (thinned 10 % by volume) is 620 g/l. For industrial use only.

#### Gloss

90-100 high gloss                      ISO 2813/60°

#### Tinting system

Temaspeed Premium tinting.

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## APPLICATION DETAILS

<b>Surface preparation</b>	Primed surfaces must be sanded with roughness P600 - 1000. All sanding dust must be removed with f.ex. air exhauster. Highest gloss level can be achieved by applying two layers of Novipur 100 and sanding P1000 - 2000 between the layers.
<b>Primers</b>	Novipur Primer HS
<b>Application conditions</b>	The surface to be painted has to be clean and dry. During application and drying the temperature of the air, the surface to be treated and the paint has to be over 18 °C and the relative humidity of the air below 70 %.
<b>Application (23 °C)</b>	<p><b>Air assisted airless</b> application with the viscosity 15-22 s (DIN 4) can be reached with approximately 10-20 % of thinning. Nozzle tip 0.011" - 0.015" and the nozzle pressure 100 - 180 bar. Atomising air pressure should be about 1 - 3 bar. Spray angle shall be chosen according to the shape of the object.</p> <p><b>Conventional</b> application with the viscosity 15 - 22 s (DIN 4) can be reached with approximately 10-20 % thinning. Nozzle tip 1.4 - 1.8 mm and the nozzle pressure 2 - 3 bar.</p>
<b>Mixing components</b>	Stir the paint carefully before use. Add 50 volume % of hardener. Thin the paint to the viscosity required.
<b>Thinner</b>	Thinner 006 1068 and 006 1062 (slow thinner).
<b>Cleaning of equipment</b>	Thinner 1068, 1062, 1069 or 1082.
<b>HEALTH AND SAFETY</b>	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. A health and safety data sheet is available on request from Tikkurila Oy.

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