

NOVIPUR 30

DESCRIPTION

A two component, semi-gloss polyurethane topcoat.

PRODUCT FEATURES

- ◆ Very hard and scratch resistant topcoat for painting of high quality furniture, doors and other wooden and fibre board surfaces indoors.
- ◆ Colours according to Temaspeed Premium tinting system.
- ◆ Aliphatic hardener 007 1250 is recommended for TAL-base due to its non-yellowing nature.
- ◆ Depending on the drying conditions hardener 0071250 might increase the paint gloss level.

TECHNICAL DATA

Solids content	57 weight-%, mixture 53 weight-% 58 weight-%, mixture 51 weight-%	(TAL-base) (TCL-base)
Specific gravity	1,3 kg/litre.	
Mixing ratio and product codes	Paint 100 parts by volume Hardener 50 parts by volume	588-s 007 1250 (aliphatic hardener)
	Paint 100 parts by volume Hardener 50 parts by volume	588-s 007 1378 (aromatic hardener)
Recommended spreading amounts and theoretical coverage	8-10 m ² /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)	6 hours (0071378) 3 hours (0071250).	
Drying times (100 - 120 g/m²)	Dust dry after 15 minutes in the room temperature 23 °C. Dry to stack minimum 8-24 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	27-33 semi gloss	ISO 2813/60°
Tinting system	Temaspeed Premium tinting system.	

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APPLICATION DETAILS

Surface preparation	Primed surfaces must be sanded with roughness P320-400. All sanding dust must be removed with f.ex. air exhauster.
Primers	Novipur Primer HS
Application conditions	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 %.
Application (+ 23 °C)	<p>Air assisted airless application with the viscosity 15-25 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>Conventional application with the viscosity 15 - 25 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>
Mixing components	Stir the paint carefully before use. Add 50 volume % of hardener. Thin the paint to the viscosity required.
Thinner	Thinner 006 1069 and 006 1082 (normal thinner). Thinner 006 1068 and 006 1062 (slow thinner).
Cleaning of equipment	Thinner 1069, 1082, 1068 or 1062.
HEALTH AND SAFETY	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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