

NOVIPUR CLEAR HS 100

DESCRIPTION	Two component high gloss polyurethane lacquer.							
EMISSION CLASSIFICATION	The lacquer does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment.							
PRODUCT FEATURES AND RECOMMENDED USES	<ul style="list-style-type: none"> ◆ A high gloss polyurethane top lacquer for all types of wood. ◆ Easy to apply, good filling properties and very hard lacquer. ◆ Recommended for furniture, doors and other wooden surfaces indoors. 							
TECHNICAL DATA								
Solids content	Lacquer 57weight-%. Mixture 50 weight-%.							
Specific gravity	0.98 kg/litre.							
Mixing ratio and product codes	Lacquer	100 parts by volume 005 5793						
	Hardener	100 parts by volume 007 1263 or 007 1363						
Pot life (23 °C)	15 hours.							
Theoretical coverage	10-12 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.							
Application details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application technique</td> <td>Thinning</td> </tr> <tr> <td>Low pressure spraying</td> <td>0 - 10 % Thinner 1068</td> </tr> <tr> <td>Airless spraying</td> <td>0 - 10 % Thinner 1068</td> </tr> </table>		Application technique	Thinning	Low pressure spraying	0 - 10 % Thinner 1068	Airless spraying	0 - 10 % Thinner 1068
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Drying times (100 - 120 g/m²)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">23°C</td> <td style="text-align: center;">50°C</td> </tr> <tr> <td>Recoatable after</td> <td style="text-align: center;">6-8 h</td> <td style="text-align: center;">4-6 h</td> </tr> </table>			23°C	50°C	Recoatable after	6-8 h	4-6 h
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	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.							
Thinner	Thinner 1068 (slow) or Thinner 1069 (normal).							
Cleaning of tools	Thinner 1068 or 1069							
Gloss	90-100							
Colours	Clear. Dicco Color and Akvi Color stain colour cards.							

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APPLICATION DETAILS

Application	Stir the lacquer carefully. Add 100 % by volume Hardener 007 1263 and mix well. Thin the lacquer to the viscosity needed with Thinner 1068. Proper spraying viscosity is 15-20 sec (Din4). The right nozzle size is 0,009-0,011" and angle 20 or 40 and the spraying distance from object about 20-25 cm.
Primer	Novipur Sealer HS, Novipur Sealer Tix
Application conditions	The surface to be treated has to be clean and dry. During application and curing process the temperature of the air, the surface to be treated and the lacquer has to be at least 18 °C and the relative humidity of the air below 70 %.
VOC	The Volatile Organic Compounds amount is 430 g/litre of lacquer. Maximum VOC content in ready to use lacquer (thinned 20 % by volume) is 592 g/l.
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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