

NOVIPUR SEALER HS

DESCRIPTION	Two component polyurethane lacquer with extra high solids content.													
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 polyurethane sealer with extra high solids content for all types of wood. ◆ Especially suitable for high gloss systems. Easy to apply and very good filling and sanding properties. ◆ Recommended for furniture, doors and other wooden surfaces indoors. 													
TECHNICAL DATA														
Solids content	53 weight-%, mixture 47 weight-%.													
Specific gravity	1.0 kg/litre.													
Mixing ratio and product codes	Lacquer	100 parts by volume 005 5779												
	Hardener	50 parts by volume 007 1261 or 007 1361												
Theoretical coverage	10-12 m ² /l Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.													
Pot life (23 °C)	4 hours.													
Application details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application technique</td> <td colspan="2">Thinning</td> </tr> <tr> <td>Low pressure spraying</td> <td colspan="2">0 - 10 % Thinner 1069</td> </tr> <tr> <td>Airless spraying</td> <td colspan="2">0 - 10 % Thinner 1069</td> </tr> <tr> <td>Curtain Coater</td> <td colspan="2">0 - 10 % Thinner 1069</td> </tr> </table>		Application technique	Thinning		Low pressure spraying	0 - 10 % Thinner 1069		Airless spraying	0 - 10 % Thinner 1069		Curtain Coater	0 - 10 % Thinner 1069	
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Drying times (100 - 120 g/m²)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">23°C</th> <th style="text-align: center;">50°C</th> </tr> </thead> <tbody> <tr> <td>Dry to sand, after</td> <td style="text-align: center;">4 - 6 h</td> <td style="text-align: center;">2-4 h</td> </tr> </tbody> </table>			23°C	50°C	Dry to sand, after	4 - 6 h	2-4 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 1069 (normal) or Thinner 1068 (slow).													
Cleaning of tools	Thinner 1069.													
Colours	Clear. Dicco Color and Akvi Color stain colour cards.													

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APPLICATION DETAILS

Application	Stir the sealer carefully. Add 50 % by volume Hardener 007 1261 and mix well. Thin the sealer to the viscosity needed with Thinner 1069. 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.
Top lacquer	Novipur Clear HS 100, Novipur Clear ST 30
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 sealer has to be at least 18 °C and the relative humidity of the air below 70 %.
VOC	The Volatile Organic Compounds amount is 470 g/litre of paint. Maximum VOC content in ready to use sealer (thinned 10 % by volume) is 525 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.

EKE14072008/snl070708/005 5779, 007 1261, 007 1361