

MERIT ELEKTRA 25, 35

DESCRIPTION	Two component acid catalysed lacquer.														
EMISSION CLASSIFICATION	Fulfils the requirements of DIN-norm 55 666, formaldehyde content max. 0.12mg/m ³ air.														
PRODUCT FEATURES AND RECOMMENDED USES	<ul style="list-style-type: none"> ◆ A thixotropic lacquer with good filling properties. ◆ Suitable for lacquering of furniture, doors and other similar wooden surfaces. ◆ Recommended especially for electrostatic spraying. 														
TECHNICAL DATA															
Solids content	abt. 50 volume %, 57 weight %.														
Specific gravity	1.0 kg / litre														
Mixing ratio and product codes	Lacquer	100 parts by volume	005 2740, 005 2744												
	Hardener	8 parts by volume	006 2093												
Theoretical coverage	4 - 6 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)	48 hours.														
Application details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application technique</td> <td colspan="2">Viscosity DIN4</td> </tr> <tr> <td>Low pressure spraying</td> <td colspan="2">18 - 23 s</td> </tr> <tr> <td>Airless spraying</td> <td colspan="2">25 - 30 s</td> </tr> <tr> <td>Electrostatic spraying</td> <td colspan="2">16 - 20 s</td> </tr> </table>			Application technique	Viscosity DIN4		Low pressure spraying	18 - 23 s		Airless spraying	25 - 30 s		Electrostatic spraying	16 - 20 s	
Application technique	Viscosity DIN4														
Low pressure spraying	18 - 23 s														
Airless spraying	25 - 30 s														
Electrostatic spraying	16 - 20 s														
Drying times (110 - 120 g/m²)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">50 °C</th> <th style="text-align: center;">70 °C</th> </tr> </thead> <tbody> <tr> <td>Dry to sand, after</td> <td style="text-align: center;">30 - 40 min</td> <td style="text-align: center;">20 - 30 min</td> </tr> <tr> <td>Dry to stack, after</td> <td style="text-align: center;">60 - 70 min</td> <td style="text-align: center;">40 - 50 min</td> </tr> </tbody> </table> <p>Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.</p>				50 °C	70 °C	Dry to sand, after	30 - 40 min	20 - 30 min	Dry to stack, after	60 - 70 min	40 - 50 min			
	50 °C	70 °C													
Dry to sand, after	30 - 40 min	20 - 30 min													
Dry to stack, after	60 - 70 min	40 - 50 min													
Thinner	Thinner 1046 or 1033.														
Cleaning of equipment	Thinner 1033 or 1046.														
Gloss	ISO 2813/60°	30 - 40 (005 2740) 20 - 30 (005 2744)													

MERIT ELEKTRA 25, 35

APPLICATION DETAILS

Application	<p>Stir the lacquer carefully before use. Add 8 volume % of Hardener 006 2093. Thin the lacquer to the viscosity required. Let the mixture stabilize about half an hour and check the viscosity again.</p> <p>At normal spraying you can add 10 volume % of Hardener 006 2098 and thin with Thinner 1033.</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>
Application conditions	<p>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 %.</p>
VOC	<p>The Volatile Organic Compounds amount is 420 g/litre of paint.</p> <p>Maximum VOC content in ready to use paint (thinned 20 % by volume) is 519 g/l.</p>
HEALTH AND SAFETY	<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 Oy.</p>

liti110506/ktk150409/005 2740, 2744, 006 2093