

**2050-012051**

**IL 110  
(DURACID-T250-10)**

**GENERAL INFORMATION**

<b>Type of Product</b>	2-pack Acid Curing Transparent Lacquer
<b>Area of Use</b>	Furniture / Interior Joinery
<b>Additional Information</b>	The product contains less than 1% aromatic solvents based on the application-mix.

**SPECIFIC INFORMATION**

<b>Acid Curing Products</b>	<p>The product fulfils the E1 requirement with respect to the emission of formaldehyde. This means that the product, when used under the conditions recommended by us, has a formaldehyde emission of less than 0.124 mg/m<sup>3</sup> air (tested acc. to EN 717-1). As a number of factors, such as quality of substrate, drying conditions, film thickness etc. may have an effect on the final formaldehyde emission, the end-product must be tested in each specific case to verify the actual emission level.</p> <p>Acid curing lacquers might cause a red discoloration on for example beech, birch and pine.</p> <p>The ready mixed lacquer should be kept in the original packaging or other acid proof material, but do not allow storage for more than 24 hours to avoid any discoloration.</p>
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**BASIC MATERIAL PROPERTIES**

<b>Binder</b>	Alkyd / Amino resins
<b>Solid Contents</b>	Approx. 32 % by weight
<b>Delivery Viscosity</b>	Approx. 100-110 sec DIN Cup 4 @ 23 °C
<b>Density</b>	Approx. 0,96 kg/l
<b>Hardener</b>	7200-003001
<b>Thinner</b>	6500-004001 THINNER 112
<b>Shelf Life</b>	24 months in original, unopened package when stored following the storage conditions mentioned below. After the expiry date, contact our Technical Staff for an estimation of usability.
<b>Storage Conditions</b>	Between 15 and 25 °C under clean and dry conditions.

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**APPLICATION**

<b>Methods</b>	Spraying / Curtain coater
<b>Mixing Ratio</b>	Coating:Hardener 10:1 by volume
<b>Application Viscosity</b>	15-40 sec DIN cup 4 @ 20 °C depending on application equipment. Amount- and choice of thinner depend of application- and line conditions.
<b>Applied Amount</b>	Max. 3x110 g/m <sup>2</sup> wet film
<b>Potlife</b>	3 Days @ 20 °C
<b>Cleaning</b>	6500-008001
<b>Empty Packaging</b>	Disposal according to local regulations.

**DRYING CONDITIONS**

<b>Thermal Drying</b>	<b>Temperature (°C)</b>	<b>20</b>	<b>40</b>	<b>60</b>
	<b>Time to (min)</b>			
	Sandable	60	20	10
	Stackable	180	40	15

The curing data refers to 110 g/m<sup>2</sup> wet film. Should be cured at min. 18°C. Before stacking the objects, cooling is required to ensure that the surface temperature measured in stack does not exceed 35°C. The curing times are valid on condition that the ventilation makes it possible for the solvents to evaporate gradually, so that they don't prevent the curing process.

<b>Additional Drying Information</b>	The drying depends on various conditions, i.e. application method, applied amount, time, etc. Please contact our Technical Staff for specific data concerning curing conditions on your line.
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**DRY FILM PROPERTIES**

<b>Gloss</b>	Approx. 5-10 GU @ 60°.
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**HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION**

**HSE Information**            See Safety Data Sheet for further information.

**DISCLAIMER**

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