

# Sylac

Varnish & Coatings for wooden surfaces

## Transparent 2K PU Basecoat S 085

Revision Date: 15/01/2014

### Product Details

<b>Product Name (code)</b>	Transparent 2K PU Basecoat S 085 (S 085)
<b>Product Type</b>	Solvent Borne Polyurethane Basecoat - Component A
<b>Hardener Component B</b>	H090 - Universal hardener
<b>Thinner</b>	For application at: 15-25 °C: use Polyurethane Thinner P1 15-35 °C: use Polyurethane Thinner P2.5
<b>Application</b>	Interior Wooden Furnishings
<b>Description</b>	Transparent Polyurethane Basecoat <ul style="list-style-type: none"><li>• Good build and high viscosity</li><li>• Sag resistant for vertical application</li><li>• Excellent sanding</li><li>• Fast Drying</li><li>• High hardness with excellent clarity and recoatability of topcoat</li></ul>

### Technical Data

<b>Solids</b>	41,0 % ±1 ( EN ISO 3251:2003)
<b>Viscosity</b>	Brookfield (50 RPM, 20 °C): 800 cPs ± 200 (EN ASTM D 2196)
<b>Adhesion</b>	CAT 0 ±1 (EN ISO 2409:1992)
<b>Pot Life</b>	3 hours

### Product Information

<b>Application and drying conditions</b>	Between 15°C and 35°C
<b>Storage</b>	The product should not be stored above 40°C.
<b>Recommended application weight</b>	80-200 g/m <sup>2</sup>
<b>Application Area</b>	8 m <sup>2</sup> per L (120 g/m <sup>2</sup> )
<b>Dust free</b>	15 min (100g/m <sup>2</sup> @23°C)
<b>Touch Dry</b>	30 min (100g/m <sup>2</sup> @23°C)
<b>Stackable</b>	1.5 hours (100g/m <sup>2</sup> @23°C)
<b>Force air drying</b>	Flash off 15 min Hot air 50 °C 40 min Cooling 15 min
<b>Sanding time (100g/m<sup>2</sup> @23°C)</b>	2-4 hours (full hardness 16 hours)
<b>Application apparatus</b>	Spray gun, Airless spray gun
<b>Packaging</b>	5 L, 25L*, 200L * (* UN Certified packaging)
<b>Shelf Life</b>	24 months. After long periods of storage ensure homogeneity of the product by stirring well before use to eliminate any possible sediment.

### Application

<b>Preparation</b>	Sand and clean the wooden surface from dust, dirt, grease or wax. Before applying the Basecoat S085, the wooden surface can be coloured using a water borne stain, or solvent borne stain, allowing for adequate drying.																
<b>Mixing Procedure</b>	<table><thead><tr><th></th><th>Product</th><th>(kg)</th><th>(L)</th></tr></thead><tbody><tr><td>Part A:</td><td>S085</td><td>100</td><td>100</td></tr><tr><td>Part B (Hardener):</td><td>H090</td><td>50</td><td>50</td></tr><tr><td>Thinner</td><td>P1/P2.5</td><td>10-25</td><td>10-30</td></tr></tbody></table>		Product	(kg)	(L)	Part A:	S085	100	100	Part B (Hardener):	H090	50	50	Thinner	P1/P2.5	10-25	10-30
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Part B (Hardener):	H090	50	50														
Thinner	P1/P2.5	10-25	10-30														
<b>Application</b>	<p><b>Step 1:</b> Mix product well to obtain uniform composition. Mix 2 parts component A with 1 part component B. Dilute A component by 10% to 20% with P1 or P2.5 thinner to desired application viscosity.</p> <p><b>Step 2:</b> Using spray gun with 1,8 - 2,0 mm nozzle or airless with 0,28 mm, (0,011") nozzle apply a film between 80 g/m<sup>2</sup> and 200 g/m<sup>2</sup> thickness.</p> <p><b>Step 3:</b> Dry in a dust free environment at temperature below 35°C.</p>																
<b>Note for use in Tropical Climates or high temperatures</b>	Use of a slower drying thinner such as P2.5 is recommended.																

The above information is given in good faith based on everything we know about the specific product. Every applier must take upon him to test the above information according to their personal work requirements before the application of the product. Sylac S.A. does not carry any responsibility for any damage that can result from the above information and instructions.