

# Sylac

Varnish & Coatings for wooden surfaces

## 2K SB White PU Basecoat Thix S025/WH

Revision Date: 12/04/2021

### Product Details

|                             |  |
|-----------------------------|--|
| <b>Product Name (code)</b>  | 2K SB White PU Basecoat White S025/WH (S025/WH)  |
| <b>Product Type</b>         | Pigmented Solvent Borne 2 Component Polyurethane Basecoat - Component A  |
| <b>Hardener Component B</b> | <b>H090</b> - Hardener 090 - Universal hardener, fast drying, crisp sanding, intermediate flexibility<br><b>H060</b> - Hardener H060 for increased flexibility in applications with joints where temperature deviations necessitate increased flexibility. Soft early sanding (2-3 h)<br><b>H101</b> - Hardener H101- for further increased flexibility in applications with joints or engraving and high film thickness. For high gloss topcoats, very high chemical resistance, intermediate drying speed. |
| <b>Thinner</b>              | For application at:<br>15-26 °C: Polyurethane Thinner P1<br>26-35 °C: use Polyurethane Thinner P2  |
| <b>Application</b>          | Interior Wooden Furnishings  |
| <b>Description</b>          | Thixotropic Pigmented Polyurethane Basecoat <ul style="list-style-type: none"><li>• Excellent filling of edges</li><li>• Excellent filling of MDF in 1 coat (see Note 1)</li><li>• Very high thixotropy</li><li>• Excellent for high gloss</li><li>• High covering power</li><li>• High solid content</li><li>• Excellent sanding</li><li>• Fast Drying</li></ul>  |

### Technical Data

|                  |   |
|------------------|---|
| <b>Solids</b>    | 80.0 % ±1 ( EN ISO 3251:2003)                               |
| <b>Viscosity</b> | Brookfield (100 rpm, 25 °C): 3500 cPs ±800 (EN ASTM D 2196) |
| <b>Adhesion</b>  | CAT 0 ±1 (EN ISO 2409:1992)                                 |
| <b>Pot Life</b>  | H090: 2 hours<br>H060: 2 hours<br>H101: 3 hours             |

### Product Information

|  |   |
|--|---|
| <b>Application and drying conditions</b>       | Between 15°C and 35°C   |
| <b>Storage</b>                                 | The product should be stored below 40°C, in a dry place away from heat or sun.  |
| <b>Recommended application weight</b>          | 100-200 g/m <sup>2</sup>  |
| <b>Dust free</b>                               | 15 min (100g/m <sup>2</sup> @23°C)  |
| <b>Touch Dry</b>                               | 20 min (100g/m <sup>2</sup> @23°C)  |
| <b>Sanding time (100g/m<sup>2</sup> @23°C)</b> | 4 hours (full hardness 16 hours)  |
| <b>Application apparatus</b>                   | Spray gun, Airless spray gun  |
| <b>Packaging</b>                               | 25 kg   |
| <b>Shelf Life</b>                              | 12 months.<br>After long periods of storage ensure homogeneity of the product by stirring well before use to eliminate any possible sediment. |

### Application

**Preparation** Sand and clean the wooden surface or MDF from dust, dirt, grease or wax.

| <b>Mixing Procedure</b> | Product        | (kg) | (L)  |
|-------------------------|----------------|------|------|
| Part A:                 | S025/WH        | 100  | 100  |
| Part B:                 | H090/H060/H101 | 40   | 60   |
| Thinner                 | P1             | 0-15 | 0-25 |

### Application

**Step 1:** Mix product well to obtain uniform composition. Mix 10 parts (by volume) component A with 6 part component B (by volume). Dilute A component by 0-25% (by volume) with P1 thinner to desired application viscosity. At high application temperatures use of slower thinner P2 is recommended.

**Step 2:** Using spray gun with 1,8 - 2,0 mm nozzle or airless with 0.012-0.014 n nozzle apply a film between 80 g/m<sup>2</sup> and 200 g/m<sup>2</sup> thickness.

**Step 3:** Dry in a dust free environment at temperature below 35°C.

### Note 1

For efficient filling of the MDF surface in 1 coat it is recommended to use 10-15% thinner (on A) and apply 180-200 g/m<sup>2</sup> in 1 coat. Topcoat application is recommended the following day so as to allow for full hardening of S025/WH.

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.