

Sylac

Varnish & Coatings for wooden surfaces

2K PU Thix Basecoat White - S0240/WH

Revision Date: 30/03/2018

Product Details

Product Name (code)	2K PU Thix Basecoat White S 0240/WH (S 0240/WH)
Product Type	Pigmented Solvent Borne 2 Component Polyurethane Basecoat - Component A
Hardener Component B	H090 - Hardener 090 - Universal hardener, fast drying, crisp sanding, intermediate flexibility H060 - Hardener H060 for increased flexibility in applications with joints where temperature deviations necessitate increased flexibility. H101 - Hardener 101 - for high gloss topcoats, very high chemical resistance
Application	Interior Wooden Furnishings
Description	Thixotropic Pigmented Polyurethane Basecoat <ul style="list-style-type: none">• Excellent filling of edges• Excellent filling of MDF in 1 coat (see Note 1)• Thixotropic• High covering power• High solid content• Excellent sanding• Fast Drying• High hardness, very good topcoat recoatability

Technical Data

Solids	75.8 % ±1 (EN ISO 3251:2003)
Viscosity	Brookfield (100 rpm, 25 °C): 8000 cPs ±2000 (EN ASTM D 2196)
Adhesion	CAT 0 ±1 (EN ISO 2409:1992)
Pot Life	H090: 2 hours H060: 2 hours H101: 3 hours
Density (g/cm³)	1.45

Product Information

Application and drying conditions	Between 15°C and 35°C
Storage	The product should not be stored above 40°C.
Recommended application weight	100-200 g/m ²
Dust free	15 min (100g/m ² @23°C)
Touch Dry	20 min (100g/m ² @23°C)
Sanding time (100g/m² @23°C)	4 hours (full hardness 16 hours)
Application apparatus	Spray gun, Airless spray gun
Packaging	25 kg
Shelf Life	24 months. 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.

Mixing Procedure	Product	(kg)	(L)
Part A:	S0240/WH	100	100
Part B:	H090/H060/H101	30-50 ¹	45-70 ¹
Thinner	P1	10-20	15-35

¹ **40%** by weight (=60% by vol) Hardener results in improved sanding, gloss retention and filling.
50% by weight (=70% by vol) Hardener results in best sanding, filling, gloss retention when overcoating with a high gloss topcoat.

Recommended Viscosity (Ford Cup 4,20°C)

% by Weight P1 on A	10%	15%	20%
% by Volume P1 on A	11%	17%	23%
FC4 (s)	40	32	24

Application

Step 1: Mix product well to obtain uniform composition. Mix 10 parts (by volume) component A with 4 part component B (by volume). Dilute A component by 10-35% (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 0,28 mm, (0,011") nozzle apply a film between 100 g/m² and 200 g/m² 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/m² in 1 coat. Topcoat application is recommended the following day so as to allow for full hardening of S0240/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.