



TECHNICAL DATA SHEET

TPS 40/13 Polyurethane White Base Coat

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Date of Issue: 04/10/2010

Area of Usage : Flat Parts, Fitted Furniture, Solid Wood, Doors and MDF
 Application : Conventional Spray guns, curtain coater and Airless Spray Gun

Mixing Procedure	Product	by weight (kg)	by volume (l)
Part A	TPS 40/13	100	100
Part B (hardener)	TPH 905	50	50
Thinner	TR450	10 – 30	10 – 30

Technical Parametres

Solid Content (%)	:	Part A	69 + 2
		Part B	24 + 1
Specific Gravity (kg / l)	:	Part A	1.310 + 0.030
		Part B	0.933 + 0.030
Viscosity (at 20°C)	:	Part A	20" + 2" (DIN #8)
		Part A + B (50%)	22 + 3" (DIN #4)

Substrate Preparation : Thorough sanding and cleaning of bare wood.

General Characteristics

Pot life @ 20°C	:	3 hours
Recommended application weight (g / m ²)	:	Max. 200 per coat
Number of coats	:	Max. 3
Drying time (100 g / m ² @ 20° C)		
Dust Free	:	10'
Touch Dry	:	35'
Stackable	:	8 hours
Forced drying (100 g/m ²)		
Air ventilation	:	15'
Hot air @ 50°C	:	50'

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General Characteristics Cont

Sanding	:	Wait at least 12 hours
Over coating	:	Wait at least 12 hours to apply PU, NC or PC top coats
Shelf-life	:	If the product is properly stored, shelf-life is unlimited. After long periods of storage, always check Homogeneity and stir well before use to eliminate Possible sediment.
Pack Size	:	5kg, 10kg and 20kg (More sizes available on request)

General characteristics

TPS 40/13 is a general purpose white basecoat for flat parts and profiles which exhibits a good hiding power also on sharp edges, a good vertical hold when applied with fixed guns and excellent sanding.

Warning

Elasticity of TPS 40/13 is high but not capable of coping with exaggerated movements of the substrate which may occur when using plywood obtained from soft wood species, thick MDF or beehive veneered panels. The user shall carry out preliminary tests in order to make sure that the substrate does not cause cracks. Moreover we advise against exceeding the recommended application weight and never use hardeners different from those mentioned on this technical data sheet.

Note TPH 920 – slow drying non yellowing alternative hardener.

Safety Precaution

This product should be applied in suitable spray booth and use of respirator mask is recommended. Avoid breathing in solvents.

Please refer to our Material Safety Data Sheet.

Data provided on this technical Data Sheet correspond to our best knowledge and experience. We assure consistency on the chemical-physical characteristics of our products within the tolerance limits specified in our TDS. Responsibility of final result of product application is fully up to the users, who shall make sure that the product corresponds to their own needs with regard to application system.