



TECHNICAL DATA SHEET

TP 30XX/13 Polyurethane White Top Coat

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Date of Issue: 04/10/2010

Area of Usage : Flat parts, picture frames, fitted furniture
 Application : Conventional and airless spray guns, curtain coater

Mixing Procedure	Product	by weight (kg)	by volume (l)
Part A:	TP 30XX/13	100	100
Part B (hardener):	TPH 905	50 – 75	50 – 75
Thinner:	TR 450	10 – 30	10 – 30

Technical Parametres

Solid Content (%) : 67 + 1
 Specific Gravity (kg / l) : 1.480 + 0.030
 Viscosity (DIN # 4 @ 20°C) : 105" + 5"
 Pot life @ 20°C : 3 hours
 Recommended application weight (g / m²) : Min 80 Max 200
 Drying time (100 g / m² @ 20° C)
 Dust Free : 5' - 10'
 Touch Dry : 30' – 40'

Substrate Preparation : Polyurethane White basecoat (TPS 40/13)
 Or Polyester White Basecoat (TPE 50/13)

General Characteristics

Colour : White
 Gloss levels : 10%, 30%, 60%, 90%
 Mar Resistance : Good
 Water & Alcohol Resistance : Good
 Sag Resistance : Excellent
 Pack Sizes : 5kg, 10kg and 20kg
 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 any Possible sediment.

34 Redgum Drive Dandenong South, 3175 Victoria, Australia

Ph: +61 3 9706 4001

Fax: +61 3 9706 5568

www.timbalaccoatings.com.au

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TP 30XX/13 is expressly designed for color matching systems.

TP 30XX/13 differs considerably from other high satin topcoats in terms of high drying speed and surface hardness.

TP 30XX/13 therefore suitable for situations required either good scratch resistance (e.g. table tops) or fast drying (picture frames, panels, etc). Buffing and polishing are also possible.

TP 30XX/13 can be hardened with TPH 905 in percentage of between 50% and 75%.

It is advisable to harden 50% and thin 40 – 50% in very hot weather and when polishing is not required.

On the other hand, 75% hardening with 20 – 30% thinning is required in the winter and when buffing and polishing is required. Obviously all intermediate percentages are possible.

Note: We recommend the use of TPH 920 in TP 30XX/13 to provide better non-yellowing properties and better flexibility. In winter the temperature of the coating and the environment must not to fall below 18°C, otherwise this will affect hardening.

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.

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