

Technical Data Sheet NR 7300

WHITE POLYESTER BASE COAT

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PRODUCT: PF298 WHITE POLYESTER BASE COAT

DESCRIPTION: white pigmented polyester base coat with high covering power, excellent vertical adhesion and easily sandable, both mechanically and manually. It is particularly suitable for preparation of base coats on MDF, turned pieces, frames, and wherever a good covering is necessary without sagging.

SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: white liquid
Solid content %: 73±2 (solvent styrene) 92±2 (dry styrene)
Visc.C. DIN 8 20°C - sec: 18 - 28

APPLICATION: By spray after adding 2% of accelerant A110 up to complete homogenization and 2% of our catalyst U100. During summer or in particularly hot weather the percentage of accelerant and catalyst can be reduced to 1%. To obtain a longer pot life replace catalyst U100 with U102. To ease application and improve distension this mixture can be diluted at 10% with D1016 pure acetone or in particularly hot weather with D1037, slow thinner for polyester. By spray application with a pneumatic spray gun use a 2,5 - 3mm diameter nozzle at an air pressure of 2,5-3atm. On particularly absorbent wood (eg. MDF) we recommend a previous application of polyurethane sealer IS201. In any case to obtain a good covering it is necessary to apply at least two coats of PF298 with a time interval of 1-3 hours between each coat. It is not advisable to apply high thickness in one coat since the spraying air and the reaction gases could become blocked in the film of paint causing pinholing.
OVERCOATING: minimum 24 hours

HARDENER: at 2% with A110 and at 2% with U100 or U102

DRYING:

Dust free: 30 minutes
Touch dry: 1 hour
Completely dry: 12 hours
Stackable: after 24 hours
Sandable: after at least 18 hours from application of the last coat

DILUTION: 10% d1016 or D1037

QUANTITY TO APPLY: 150-200 g/m²

NUMBER OF COATS: two

POT LIFE at 20°C: 1 hour at 20°C and 1 hour 30 minutes with U102 (both diluted at 10% with D1016)

STORAGE INFORMATION: like all polyester products, PF298 should not be stored at temperatures above 30°C so as not to jeopardise shelf life

SHELF LIFE AT 20°C: 4 months in correctly stored unopened tin

NB:

Do not sand PF298 with too thin grain abrasive papers because the surface could be polished and compromise the adhesion of the top coat. For the same reason do not wait too long after sanding before application of the top coat. To reduce this sort of problem we advise the mixture of PF298 with one of our transparent polyester base coats.

SPECIFICATIONS OF SUPPLIED PRODUCT

CHARACTERISTICS	UNITS	VALUE	METHOD
Specific gravity at 20°C:	g/ml	1.45 ± 0.05	MP01
Visc.Brook. gir./rpm/°C :	cPs	3.000 ± 500 (4/20/20)	MP19
Fineness:	µm	50 max.	MP12

The quality control value of the viscosity refers to the product immediately after checking. Any variations of the data specified in the technical data sheet could be due to circumstances such as length and conditions of storage.

Always verify the suitability of the product for the job to be done before application. We can not accept

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responsibility for the outcome.

The information contained in this technical data sheet, as well as any verbal information, is given to the best of our knowledge. We do not accept responsibility for obsolete or incorrect information. The information is to be considered obsolete when a new technical data sheet is issued. Please feel free to contact us to request the latest edition.