

Technical Data Sheet

TL0345/BB WHITE SOLVENT BASED CONVERTER

Supersedes previous issue dated 10/16/12

DATE 10/29/12

Area of use:	Flat parts, picture frames, profiles
Method of use:	Conventional and airless spray guns, curtain coater
Mixing procedure:	By weight (kg)
	TL0345/BB 100
	TH0735/00 70
	DT0424/00 20-40

Technical characteristics:

Solids content (%):	73 ± 2
Specific gravity (kg/l):	1.300 ± 0.050
Viscosity (DIN 4 at 20°C):	180" ± 5"

Substrate preparation

Preferably with polyester pigmented basecoats that are less affected by lifting than polyurethane basecoats.

General characteristics

Pot-life (at 20°C.):	4 hours
Recommended application weight (g/m ²):	Min. 80 - max. 200
Drying time (100 g/m ² at 20°C):	Dust free: 15'-20' Touch dry: 60'-90' Stackable: 24 hours
Shelf-life (months):	36 After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.

TL0345/BB has been specifically formulated for tintometric systems.

It is important to remember that the addition of organic pigmented pastes implies longer drying times, lower hardness as well as lower hiding power than inorganic pigmented pastes.

Special instructions

TL0345/BB topcoat can be mixed with TP2009/XX pastes up to a maximum of 4%, as it is stated in the WOOD COLOR PLUS formulary.

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Alternative mixing procedure

TL0345/BB can be used also with the following hardeners:

- TH0738/00 from 70% to 100% in weight to confer speed to the system to the detriment of yellowing
- TH0724/00 at 100% in weight to confer maximum speed of drying time to the detriment of build
- THL3163/00 at 100% in weight to reduce the brush time

PROBLEM OF COLOUR ALTERATION DUE TO SUNLIGHT

In general white is liable to yellow slightly over time even if specific hardeners are used. Since equipment exists for determining to a fair degree of accuracy how long it will take for the colour of coatings to change and the extent of the change, before starting work, users should have the light fastness of pigmented topcoats evaluated to determine whether they are suitable for their requirements. Arch's laboratories are able to perform this test with the utmost objectivity, although the ideal solution is for the user to contact an independent testing laboratory.

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