

TAC55N

Pre-catalysed clear topcoat converter

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PRODUCT OVERVIEW

General properties	Acid curing topcoat, monocomponent (1K)
Recommended use	Sealed substrates
Application method	Spray gun
Main characteristics	Very fast curing topcoat. Keeps its curing capability when mixed with up to 15% of pigment pastes. Non-aggressive vapours. Premium finish with excellent slip. Formaldehyde free <0.1%. KCMA approved.
Mix preparation	30-45% of thinner S50 (by weight or by volume) and 10-15% of pigment paste (by weight). S50 is required for general purposes; S01 is recommended when the acid hardener HAC99 is added. For extra hardness and curing speed, 2-5% of HAC99 may be added to the product.
Colour available	Colourless / neutral
Gloss available	5-10-20-30-40

CHEMICAL AND PHYSICAL CHARACTERISTICS (20 °C)

Solid Content (%)	28.5
Density (g/cm ³)	0.93
Viscosity DIN 4 (sec)	60-70"
Pot life	24 hours
Shelf life	12 months

APPLICATION PROPERTIES

Vertical hold (microns)	150
Recommended N° of coats	1-2
Recommended quantity per coat (g/m ²)	120-180
Metric yield (m ² /kg)	6.5-8.5

APPLICATION INSTRUCTIONS

Equipment	Nozzle	Application viscosity (DIN 4)
Spray gun	1.8 mm	15-18"

DRYING

Drying at 20 °C (standard mix): 150 g/m²

Dust free	10 min
Handling	35 min
Overcoat	2 hours
Stackable	24 hours
Sanding	-

Oven curing: 150 g/m²

Stage	Temperature	Time
Flash off	20 °C	10 min
Laminar air	25-30 °C	5 min
Heat / oven	60 °C	15 min
Stackable	-	After cooling back to room temperature

RECOMMENDED CYCLE

Sealer + topcoat cycle

1. Spray one coat of 150-200 g/m² of BAC00 or BAC10WT, wait 1.5-2 hours and sand the raised grain of the wood.
2. Spray an equal coat on top, wait 2 hours and sand with P320 grit.
3. Spray a third coat of TAC55N (120-150 g/m²) and wait for cure.

NOTES AND REMARKS

- It is not recommended to apply amino-ureic topcoats such as this one over polyurethane sealers. If the curing process is not complete, defects may appear.
- The curing process of this product is greatly improved by heat / oven curing.
- To achieve a good pot life, keep any unused mixture away from air by covering the container with a lid or plastic film.

DISCLAIMER

The data provided in this technical sheet correspond to the values and characteristics of the product offered, in relation to our skills and experience. GALA-PRO guarantees the physical-chemical characteristics of its products, as well as their consistency. However, responsibility for the final result of the product application rests with the user, who must ensure that the selected product corresponds to their application needs and to the type of substrate selected. The viscosity level of highly thixotropic products may differ from the value reported in this technical data sheet; to be considered acceptable, this value should differ by a maximum of 30% from the reported value.