

TAC02

Acid catalysed clear topcoat

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PRODUCT OVERVIEW

General properties	Acid curing topcoat, two component (2K)
Recommended use	Raw woods (oak, pine, sapele and similar)
Application method	Spray gun
Main characteristics	Fast curing topcoat. Easy to use and handle. Non-aggressive vapours. Premium finish with excellent slip.
Mix preparation	By volume: 10% of acid hardener HAC99. Optionally reduce with 20-35% of thinner S00 or S50. Use S00 at temperatures below 25 °C; in warm weather use the slower evaporating thinner S50. Dilution eases application and improves curing and sanding speed. For extra hardness and curing speed, a further 2-5% of HAC99 may be added to the product.
Colour available	Colourless
Gloss available	5-10-20-40

CHEMICAL AND PHYSICAL CHARACTERISTICS (20 °C)

Solid Content (%)	40
Density (g/cm ³)	0.98
Viscosity DIN 4 (sec)	80-100"
Pot life	24 hours
Shelf life	12 months

APPLICATION PROPERTIES

Vertical hold (microns)	150
Recommended N° of coats	1
Recommended quantity per coat (g/m ²)	120-180
Metric yield (m ² /kg)	7-9

APPLICATION INSTRUCTIONS

Equipment	Nozzle	Application viscosity (DIN 4)
Spray gun	1.8 mm	17-19"

DRYING

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

Dust free	20 min
Handling	45 min
Overcoat	120 min
Stackable	4 hours
Sanding	-

Dry in tunnel: 150 g/m²

Stage	Temperature	Time
Flash off	20 °C	10 min
Laminar air	25-30 °C	5 min
Heat / oven	50-60 °C	15 min
Stackable	-	After cooling back to room temperature

RECOMMENDED CYCLE

1. Self-sealer cycle

1. Sand the substrate with P280 / P320 grit.
2. Spray one coat of 150-200 g/m², wait 1.5-2 hours and sand the raised grain of the wood.
3. Spray an equal coat on top.
4. A third coat may be added if a less porous finish is required.

2. Sealer + topcoat cycle

1. Spray one coat of 150-200 g/m² of BAC00, 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. Optional: spray a third coat of TAC02 (120-150 g/m²) and wait for full 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.