GALA-PRO
MATERIALS TECHNOLOGIES SERVICE

WHITE ACID CURING TOPCOAT, TWO COMPONENT

TAC21WT

Acid catalysed white topcoat

Technical data sheet Revision: 15/06/2023

PRODUCT OVERVIEW

General properties	Acid curing topcoat, two component (2K)
Recommended use	Primed / sealed MDF
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	White
Gloss available	5-10-20-40

CHEMICAL AND PHYSICAL CHARACTERISTICS (20 °C)

Solid Content (%)	54
Density (g/cm3)	1.16
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/m²)	120-180
Metric yield (m²/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. Spray one coat of 150 g/m² over a properly sealed substrate.
2. A second coat may be applied after lightly sanding the first one. Wait for the topcoat to dry properly before spraying the second coat.

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.