

BAC44N

Pre-catalysed clear primer converter, high solid

Technical data sheet Revision: 15/06/2023

PRODUCT OVERVIEW

General properties	Pre-catalysed primer, high solid
Recommended use	MDF
Application method	Spray gun
Main characteristics	BAC44N is a high-solid pre-catalysed clear sealer designed to be pigmented with EP080/XX tinting pastes and the GALA MATCH colour system. It features fast drying and excellent sanding properties, making it ideal for high-efficiency production workflows. The product offers outstanding filling power and delivers a smooth, uniform surface, ready for subsequent top coating.
Mix preparation	By volume: 2-8% of EP080/XX pigments and 20-35% of thinner S01 or S50. Dilution with thinners is recommended to ease application and improve curing and sanding speed.
Colour available	Colourless
Gloss available	-

CHEMICAL AND PHYSICAL CHARACTERISTICS (20 °C)

Solid Content (%)	55
Density (g/cm3)	1.25
Viscosity DIN 4 (sec)	70-100"
Pot life	-
Shelf life	12 months

APPLICATION PROPERTIES

Vertical hold (microns)	150
Recommended N° of coats	2
Recommended quantity per coat (g/m ²)	120-150
Metric yield (m ² /kg)	6.5-8

APPLICATION INSTRUCTIONS

Equipment	Nozzle	Application viscosity (DIN 4)
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Spray gun	1.8 mm	20-22"
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DRYING

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

Dust free	15 min
Handling	40 min
Overcoat	70 min
Stackable	4 hours
Sanding	2 hours

Dry in tunnel: 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

1. Sand the MDF, then apply one coat of pigmented BAC44N at 150 g/m².
2. Sand with P280 grit after two hours (drying temperature 20-25 °C).
3. Apply a second coat of pigmented BAC44N at 150 g/m². After 12 hours, sand the primer.
4. Apply one coat of TAC11WT.

NOTES AND REMARKS

- It is not recommended to apply polyurethane over amino-ureic sealers such as this one. 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.