

AB-NSAC 4+1 2K HS Non Sanding Acrylic Primer(Colorless)

Field of application

Passenger cars and commercial vehicles. New or repaired vehicle parts and complete priming of vehicles

General Information

AB-NSAC 4+1 2K HS Non Sanding Acrylic Primer (Colorless) has a perfect surface like topcoat paint. Being colorless, it allows it to be turned into any color desired. Easy to apply. It is a primer that can be applied to new vehicle parts with cataphoresis and electrocoat without sanding. **Does not require sanding.** It is used as the last step of the priming process with its glossy surface and fast drying properties. And creates a perfect surface for the paints to be applied in the next step.

Preparation of Substrate – Degreasing/Priming/Sanding



Before proceeding to the preparation stage for the primer, wash all surfaces to be painted with soap and water. Rinse and allow to dry. Degrease with a appropriate surface cleaner. Make sure all substrates are thoroughly cleaned and dried before and after each preparation step. Immediately wipe the cleaner off the panel surface using a clean, dry cloth.



Well cleaned unsanded Electropaint

Aged painted and original surfaces sanded with P400 or finer

Mask entire vehicle to eliminate unwanted overspray.

Activators and Reducer Selection

Temperature	2K Activators	Reducers
Up to 18 °C	Non Sanding Activator Fast	Urethane Reducer Fast
18-25 °C	Non Sanding Activator Medium	Urethane Reducer Medium
25-35 °C	Non Sanding Activator Medium	Urethane Reducer Slow
Over 35 °C	Non Sanding Activator Slow	Urethane Reducer Very Slow

BLITZ GMBH INC.

316 Wimbeldon Ct Nort Brunswick New Jersey 08902
www.blitzgmbh.com +1 (347) 859 97 98

Mixing Ratio



4:1 Non Sanding 2K HS Acrylic Primer(Colorless) : Non Sanding Activator + %10 Urethane Reducer + Max %10 Color Paste or %10-15 1k base coats or %10-15 2k Acrylic Paints

Not: If 2k acrylic paint is to be used for coloring, the primer mixture should be made separately, the paint mixture should be made separately, and then the primer and paint should be mixed together.

Mix Tables (According to the activators)

	Volume	Weight
Non Sanding 2K HS Acrylic Primer(Colorless)	4	1.000,0
Non Sanding Activator	1	179,0
Urethane Thinner	0,5	80,0
Total Weight (g)		1.259,0
Application Viscosity DIN4 20 °C	16-18"	
Pot life at 20 °C	3-5 hours	

Application

After the surface is cleaned with suitable cleaning solvents, apply 1 full single coat or 1 light + 1 full to give a film thickness of 25-35 microns. And it should be applied as a finish coat.



Spray gun nozzle (mm)	1,3-1,4
Air Pressure (Bar)	2,0
Number of Coats	1- 1,5
Flash off at 20 °C	15 minutes

BLITZ GMBH INC.

316 Wimbeldon Ct Nort Brunswick New Jersey 08902
www.blitzgmbh.com +1 (347) 859 97 98

Drying Times and Thickness



Air Dry 20 °C	1 coat	1.5 coat
Dust free	-	-
Dry to handle	-	-
Dry to tape	-	-
Dry to sand	-	-
Ready for Top Coat	Min. 12 minutes	Min. 15 minutes
Total film build	25 µm	35 µm
Theoretical Coverage (one coat)	12-13 m ² /L 30 µm	12-13 m ² /L 30 µm

**** The top coat should be applied on the first 48 hours after the primer application. If application will be made after 48 hours, the surface should be sanded.**

Sanding

DRY : 2K – P400 Basecoat – P400-P500
WET : 2K – P400-P600 Basecoat – P600+P800

Gloss : Half Gloss
Colour : Colorless(Transparent White)
Storage life : Under normal storage conditions and unopened tins up to 2 years.

Next Layer

All Autobahnof Finishes

BLITZ GMBH INC.

316 Wimbeldon Ct Nort Brunswick New Jersey 08902
www.blitzgmbh.com +1 (347) 859 97 98

Cleaning of Equipment



After use, clean all equipment with Universal Acrylic Thinners and Cleaning Thinners

Protection



Use suitable respiratory protection (fresh air supply respirator is strongly recommended).



For more detailed information please see Safety Data Sheet.