
AB-CC2200 HS Clear Coat

Field of application

Suitable for passenger cars and commercial vehicles. For application as a clear top coat over basecoats.

General Information

AB-CC2200 HS Clear Coat is the second coat of a two coat metallic-acrylic paint system applied over basecoat paints. It is highly glossy, resistant to atmospheric conditions, high fuel resistance, high solid acrylic clear coat. Easy to use. Can be both air-dried and forced-dried.

Preparation of Substrate

Apply on top of a clean and dust free basecoat (the use of a tack rag is recommended to remove dust from the basecoat film).

Hardener and Reducer Selection

Temperature	HS Hardeners	Universal Reducers
Up to 18 °C	AB-HD1100 HS 2:1 Hardener Fast	AB-URDC 5001 Uni Urethane Reducer Fast
18-25 °C	AB-HD1100 HS 2:1 Hardener Medium	AB-URDC 5001 Uni Urethane Reducer Medium
25-35 °C	AB-HD1100 HS 2:1 Hardener Slow	AB-URDC 5001 Uni Urethane Reducer Slow
Over 35 °C	AB-HD1100 HS 2:1 Hardener Slow	AB-URDC 5001 Uni Urethane Reducer Extra Slow

Mixing Ratio

Mixing Ratio with Hardeners and Reducers



2 : 1 AB-CC2200 HS Clear Coat : AB-HD1100 HS 2:1 Hardeners

Application Viscosity DIN4 20 °C : 17-19"

2 : 1 AB-CC2200 HS Clear Coat: AB-HD1100 HS 2:1 Hardeners + max. %5 Universal Reducer

Application Viscosity DIN4 20 °C : 16-18"

Mix Tables (According to Reducer Ratio)

			% 5 Reducer	
	Volume	Weight	Volume	Weight
AB-CC2200 HS Clear Coat	2	1.000,0	2	1.000,0
AB-HD1100 HS 2:1 Hardeners	1	500,0	1	500,0
AB-URDC 5001 Universal Reducers	-	-	0,1	43,0
Total Weight (g)		1.500,00		1.543,00
Application Viscosity DIN4 20 °C	17-19"		16-18"	
Pot life at 20 °C	60-90 minutes		60-90 minutes	

Application



Spray gun nozzle (mm)	1,2-1,4
Air Pressure (Bar) RP, LVLP	1,8-2,2
Conventional Guns Air Pressure (Bar)	3,0-3,5
HVLP (Bar)	0,5-0,7
Number of Coats	1,5-2 coats
Between Coats	5-10 minutes

*** Mask entire vehicle to eliminate unwanted overspray

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Drying Times



	Air Dry 20 °C	Forced Dry 60 °C
Flash Off	5-10 minutes	5-10 minutes
Dust free	20-30 minutes	-
Dry to handle	8-12 hours	30-40 minutes
Dry to polish	16 hours	after cooling down
Total Film Build	50-55 µm	

***All these drying conditions occur under standard application conditions (20-25 °C and 50-55 % relative humidity.) All conditions may change depending on temperature, relative humidity, and environmental conditions.

*** If there are too many coats or not enough time is waited between applications, there may be matting

Sanding

Required before recoating to ensure good adhesion

DRY : P500

WET : P800

Polishing

If polishing is required, i.e. to remove dirt nibs, it is recommended that it is carried out between 1 hour and 24 hours after the quoted drying time. Denib with P1200, followed by P1500 dry disc. Lightly damp a 3M Trizact P3000 disc or similar with clean water ensuring that the P1500 scratches are eliminated.

Gloss : High Gloss

Storage life : Under normal storage conditions and unopened tins up to 2 years.

Cleaning of Equipment



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

Protection



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



For more detailed information please see Safety Data Sheet.