

TECHNICAL DATA SHEET

(Professional Use Only)

NUMIX 1K BASE COAT

PRODUCT DESCRIPTION

Numix 1K Base Coat is a one component system Based on acrylic resin which consists of 44 solid Colors, 12 Metallic colorants, 27 pearls colors (Including 5 Xirallic) and used as a basic coat for Finishing of Numix clear coat.

FEATURES

01. Outstanding color accuracy.
02. Excellent Hiding / opacity power & low consumption.
03. Easy to apply & fast drying.
04. Excellent metallic/pearl flakes orientation
05. Highly durable finish good.
06. Can be used for spot, panel and overall repair.
07. Excellent weather durability.

SUITABLE SUBSTRATES:

Numix 1K primer is suitable to apply over 1K Numix Primer, 2K Numix Primer, old or original paint work, all existing OEM finishes. All cleaned and sanded sound old finishes

SURFACE PREPARATION:

Clean surface with water and soap rinse and dry. Numix cleaner wipe dry with a clean cloth. Repair according to damage. Dry mechanical P320 - P400 (finally with P500 will give best results) wet P800 - P1000 Remove all traces of sanding dust, blowing oil-free compressed air. Numix cleaner wipe dry with a degreasing cloth. Use tack rag. Visible defects can be removed only after the basecoat is fully dry by light manual sanding with paper P1500 or finer. For smoother sanding, the sanding paper can be slightly soaked with water. Numix clear must be applied when Numix base coat is completely flat. Maximum time before clear coating is 48 hours. Respect 100 grit maximum jumps in dry sanding steps and 200 grit maximum jumps in wet sanding steps. Use guide coat to control sanding.

	It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.
	Use Numix Cleaner to remove grease, oil and other contaminants. Use clean quality tack rags or wiping towels, one for wetting and one for drying.
	Product Mixing: The choice of Hardener and Thinner should be made according to application temperature and size of repair. For Mixing use Numix scale.

TECHNICAL DATA SHEET

(Professional Use Only)

TECHNICAL DATA

Color	As per, RAL, BS, NCS shade card, (Special color can be prepared on request).
Finish	Matt.
Specific Gravity	Dependable on the colors.
Solid by Weight %	Variable and dependable on the color.
Theoretical Spreading Rate	6 – 8 m ² /Lit. (Depending on the color).
Flash Point	Approx. 22°C.
Volatile organic compounds (VOC)	540.0 gm/liter

PRODUCT PREPARATION:

	Numix color tools	Designed software for worldwide car colors in addition to RAL and BS colors.				
	Mixing ratio		Standard		Less Hider	
		Numix Basecoat	1		1	
		Numix Thinner	1		0.8	
	Chip-Protector	Products	Standard		Less Hider	
		Numix Base coat	1		1	
		Numix Thinner	1		0.8	
		Numix Hardener	0.1		0.1	
	Pot life at 25°C	Standard	Not applicable			
		Chip- protector	8 hrs			
	Spray viscosity at 25°C	DIN 4 FORD 4 AFNOR 4	22-25s 22-25 s 23-26 s			
	Spray equipment	Type of Gun	Nozzle Size		Distance	Pressure
		Gravity Feed	1.3-1.5		15-20	2-3 bar
		Suction feed	1.3-1.5		15-20	2-3 bar
		HVLP	1.2-1.3		15-20	0.7 bar
	Number of coats	2,3				
	Flash time	Till flat between coats and before clear coating. Tack rag-free after final coat dry before clear apply.				
	DFT	15-18 microns ≈ 1.4 mils.				

TECHNICAL DATA SHEET

(Professional Use Only)

Technical Tips:

	Numix Basecoat toners must be stirred on a mixing machine for 15 minutes prior to use.
	Stirred the colors properly after mixing.
	For color matching check car manufacturing color code. Refer the Numix Software for color formulation & color box for color variations. Before apply on the car panels or body spray the panel to check the color matches.
	Always Use filter paper to avoid the risk of dust particles.
	Clean the gun properly after usage. (with National lacquer thinner)

ADDITONAL DATA:

Spot Repair: When making spot repairs, use lower application pressure and apply thin coats until reaching opacity. Allow for a 3-5 minutes flash-off time at 20°C between coats. Next, fade out, by extending beyond the edges, using similar application pressure. In case of metallic colors apply a drop coat (metallic orientation coat) when needed by increasing the spray gun distance.

MISCELLANEOUS DATA

STORAGE:

The product must be stored according to National Regulations. The product should be kept in cool and well ventilated place, protected from heat and direct sunlight at temp 5-35°C. Containers must be kept tightly closed.

SAFETY / HEALTH

Ensure good ventilation during application and drying.
Avoid contact with skin and eyes. While painting it is advisable to wear eye protector. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. To remove splashes from skin; use soap and water or a recognized skin cleaner.
Keep out of reach of children.

NOTE: We warranty the quality of our product and this data sheet represents test results and practical experience obtained under controlled conditions. We reserve the right to change data without prior notice.