

NUMIX 1K PRIMER

PRODUCT DESCRIPTION

Numix Primer 1K is a single component primer Filler based on combination of acrylic resin and Nitrocellulose, this product is fast drying with high filling and good sanding properties. It is suitable for all type of car refinish.

FEATURES

- 01. Easy to apply & smooth flow.
- 02. Excellent filling properties.
- 03. Superior adhesion and grip for topcoat.
- 04. Excellent Mechanical & chemical properties.
- 05. Outstanding wet & dry sanding.
- 06. Can be used for spot, panel, overall repairs.







SUITABLE SUBSTRATES:

Numix 1K primer is suitable to apply over Polyester putties, Epoxy Primers, Steel Surfaces, Old Paint surfaces, Thermoplastic paints, Wash Primers. Highly recommended to use this primer Coat for protection of steel in severely corrosive environment and where gloss and color Retention is required.

SURFACE PREPARATION:

When painting plastic, it is necessary to use Numix plastic primer. Please refer to the TDS "Numix Plastic primer" Removal of existing finish and initial sanding of polyester body filler/putty P120. Feather edge before polyester/putty and finish, sanding for complete panel priming P220. Feather edge and final step before spraying primer/surfacer for spot repairs P320. OEM electro (ED) coated parts P320. Prior to any surface preparation, Numix Cleaner the repair area using Numix cleaner. Use clean quality rags or degreaser cloth, one for wetting and one for drying the surface. Apply sufficient Numix cleaner to keep the surface wet. Wipe Numix cleaner off before it can evaporate.

Technical Tips:

	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
	Stirred the material properly before use.
	Product Mixing: The choice of Hardener and Thinner should be made according to application temperature and size of repair. For Mixing use Numix scale.
	Always Use filter paper to avoid the risk of dust particles.
	Clean the gun properly after usage.











TECHNICAL DATA SHEET

(Professional Use Only)

TECHNICAL DATA

Color	Grey
Finish	Flat
Viscosity (25°C)	20 – 25 Poise
Specific Gravity	1.37 ± 0.02 (of mix)
Solid by Weight %	60 - 65 %
Theoretical Spreading Rate	6 - 8 m ² /Liter
Flash Point	25 °C when mixed
Impact resistance (25 cm)	50 cm forward / 50 cm backward
Scratch resistance	Pass
Bending test (15 mm)	7.5 – 10 mm.
Water resistance (24 hrs) spot	Pass
Volatile organic compounds (VOC)	450.0 gm/liter

PRODUCT PREPARATION:

	Mixing ratio	Numix 1K Primer Numix 2K Thinner	1 0.7		
	Pot life at 25°C	Standard	Not applicable		
	Spray viscosity at 25°C	DIN 4 FORD 4 AFNOR 4	32-36s 32-36s 34-38s		
	Spray equipment	Type of Gun Gravity Feed Suction feed HVLP	Nozzle Size 1.6-2.0 1.6-2.0 1.6-1.8	Distance 15-20 15-20 15-20	Pressure 2-3 bar 2-3 bar 1-2 bar
	Number of coats	2,3 Depends on the job			
	Flash time	Till flat between coats			
	DFT	45-50 microns ≈ 1.4 mils. Depends No. of coats			
	Drying time 25°C	Dry Dust free 3-5 min.	Dry to Handel 10 min.	Dry to Sand 20-30 min.	Recoating Interval 1 hrs
	IR Drying	Distance 80 cm.	Half Power 5 min	Full Power 15-20 min	*Guideline form short / Medium wave IR equipment
	Daring sanding	P400, P500 (we recommend to use black dry guide coat better results and uniformly sanding)			
	Wet sanding	Wet P600 – P800 Remove all traces of sanding dust.			
	Note	Respect 100 grit maximum jumps in dry sanding steps and 200 grit maximum jumps in wet sanding steps. Use guide coat to control sanding.			

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ADDITIONAL DATA:

The surface should be clean and dry at the time of application and its temperature must be above the dew point to avoid condensation. If wet sanding, allow water to evaporate. Apply heat to ensure water has evaporated to prevent humidity blistering overtime

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.

