P.O.Box: 85 – Zouk Mikhaël / Lebanon
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TECHNICAL DATASHEET

NITROCELLULOSE PRIMER

PRODUCT DESCRIPTION

Fast-drying nitrocellulose primer for wood and metal surfaces. It offers excellent adhesion on different substrates and exhibits exceptional holdout even on very porous surfaces. Easy to sand, it provides an excellent base to achieve a smooth finish. Use with NC lacquer and NC topcoats.

PRODUCT BENEFITS

1- Fast drying
2- Good scratching resistance
3- Excellent durability and washability
4- Perfect adhesion
5- High temperature stability
6- Great intercoat adhesion
7- Good hardness
8- Excellent recoatability

RECOMMENDED USES

Special primer for nitrocellulose systems. Suitable for wood, steel surfaces and automotive applications.
It is used as a pre-treatment primer for mild steel, galvanized iron and aluminum prior to applying the full paint system and a self-priming finish in a variety of applications.
Ideal for use on vehicle chassis and under body components, engine parts, metal fireplaces, burglar bars, security gates.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

1- Alkaline and acid surfaces should be cleaned and neutralized.
2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
3- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good adhesion.

Fill all the pores and holes with NC Ready Putty to smooth the surfaces before Priming.

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PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Appearance	Viscous liquid
Color Range	Cf. catalogue

Specific Gravity, ISO 2811	1.2- 1.3 g/cm3
Viscosity, ISO 2884	60-70 Poises

Drying Time, ASTM D5894	1-2 hours
Wet Film Thickness, ISO 2808	100 µm
Dry film Thickness, ISO 2808	50 µm
Recoat Time	2-3 hours

Sag Resistance, ASTM D3730	Excellent
Leveling, ASTM D2801	Excellent

Scratching Resistance, ASTM D3003	Excellent

Chemical Properties

Solids by Weight	54- 65 %
Solids by Volume	37- 47%

PRIMING/ THINNING/ APPLYING

Fill existing pores and holes with NC Putty.

Thin NC primer with NC thinner up to 75% depending on the surface condition in order to obtain the adequate viscosity for application.

Brush, Roller or Spray
Apply several coats if needed to smooth the surface

Clean tools and equipment with NC thinner immediately after use.

PACKING

In cylindrical tin containers of the following capacities:
- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20 L

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STORAGE

1 year under normal storage conditions from the issue date.
Avoid frost & excessive heat

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.