

TECHNICAL DATA SHEET



Review 004, 08/2016

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PRODUCT

NITRO PRIMER (C3106)

FEATURES

Nitro 1K primer is based on cellulose nitrate and alchidic resins and dries rapidly. MAX NITRO 1K primer is suitable for all types of bodywork restoration (total and partial paints, touch ups) and can be applied onto putties, bare sheets, new sheets, old paintings, zinc sheets. Thanks to high solid contents MAX NITRO PRIMER can be used as an insulating or filling primer according to dilution percentage; it is a high coverage product, easy to apply, dries rapidly and it is easy to sand.

TECHNICAL DATA

| | | |
|------------------|----------------|--------------|
| Specific weight | 1300 ± 20 g/l | (MI 001) |
| Solids in weight | 65 ± 3 % | (MI 006) |
| Viscosity | 17700 ± 350 cP | (MI 002-4-6) |
| Color | Light Grey | |

STORAGE

Keep the container well closed and stored in a cool (temperature below 25°C) and ventilated environment for a maximum period of 12 months from the date of production marked on the tin. Avoid direct sun exposure and humidity.

SAFETY RULES

Keep the place ventilated while applying and drying the product. It is recommended the use of personal protective equipment during application. Read the safety sheet before application.

APPLICATION

In case of application on bare sheet, sand with abrasive papers P 80 e P 150.

Mix it up vigorously for a good filling pigment dispersion, then add the appropriate quantity of nitro thinner. Apply a uniform coat using cross-coat technique. If used as insulating primer, dilute with MAX thinner up to 25% maximum; if used as filling primer dilute up to 15-20% maximum. In case of wet sanding use 600 - 800 grain abrasive paper. In case of dry sanding, use a sander tool with 280 - 320 grain first and then with 360 - 400 grain.













It is suggested to apply the product using an airbrush HVLP with gravity cup (High-Volume Low-Pressure). Do not apply on humid surfaces.

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| | | | |
|---|--------------------|---|-----------------|
|  | Dilution ratio | 15 – 25 % | |
|  | Nozzle diameter | 1,7 ÷ 1,8 mm | |
|  | Air pressure | 3.0 ÷ 4,0 bar | |
|  | Pot life | 30 - 60 min according dilution and temperature | (MI 013; 25 °C) |
|  | Dust free time | < 5 min | (MI 012; 25 °C) |
|  | Dry to touch | 20 min | (MI 012; 25 °C) |
|  | Full dry | < 5 h | (MI 012; 25 °C) |
|  | Sanding | After 3 h 1) P 280-320 (dry) 2) P 360-400 (dry) 3) P 600-800 (wet) | (MI 012; 25 °C) |
|  | Dry film thickness | 150 ÷ 250 µm | |
|  | Theoretical yield | 200 - 350 g/m ² | (MI 014) |
|  | Number of coats | 1 – 2 | |
|  | Thinner | MAX nitro thinner | |

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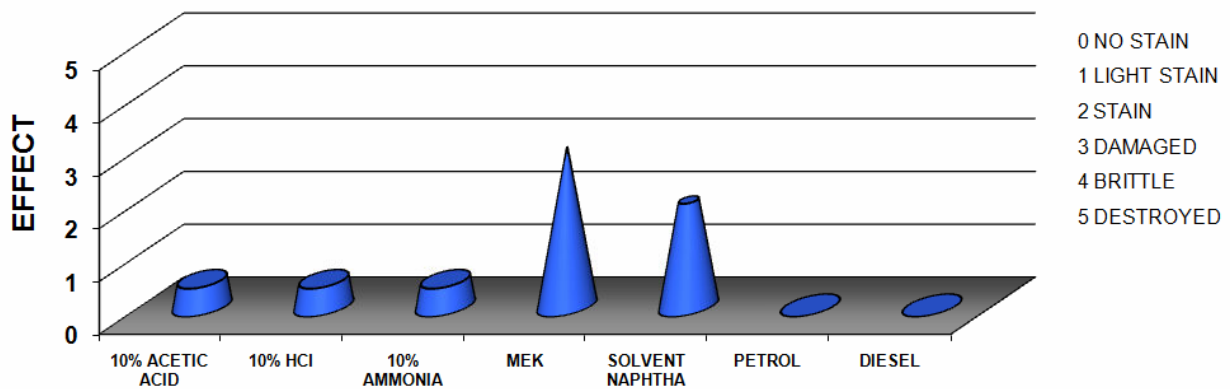
ADDITIONAL INFORMATION

DRYING (MI 012, MI 015)

| TEMPERATURE (°C) | DUST FREE | READY TO TOUCH | READY TO RECOAT | TOTAL DRYING |
|------------------|-----------|----------------|-----------------|--------------|
| 20 | 5 min | 25 min | 3 h | 5 h |
| 40 | < 3 min | 10 min | 1 h | 3 h |

MAX NITRO PRIMER has an excellent adherence over the different metallic substrates: iron, steel, zinc and aluminum. It resists perfectly to extreme weather conditions and long exposure to UV rays; it remains unaffected in contact with chemical acids and bases and has a good resistance in contact with organic solvents such as naphtha solvent, unleaded fuel and diesel.

CHEMICAL RESISTANCE (MI 004)



Viscosity vs Time (MI 013)

