



## TECHNICAL DATA SHEET

### NITRO PRIMER FOR METAL

#### Product description

Nitro primer for metal is a one-component pigmented coating based on nitrocellulose, alkyd binder, anti-corrosive pigments, organic solvents and special additives.

#### Purpose of the product

Nitro base paint is intended for anti-corrosion protection of steel elements (metal cassettes, mailboxes, window grills, metal accessories) and steel constructions in a mildly corrosive environment (without the presence of aggressive corrosion agents).

#### Technical data

Viscosity:	min.90 sec. F/4/20°C
Density :	1.25-1.30 g/cm <sup>3</sup>
Colour :	red oxide, gray, or RAL
Volume solids :	min. 40 %
Dry film thickness:	40 to 60 µm
Theoretical consumption:	7,9 m <sup>2</sup> /kg for 40 µm
Drying, at t=20° C, rh=80%	
On dust :	10 min
On touch:	30 min
For overcoating :	2 h
full dry/cure :	24 h

#### Surface preparation

Before application, the surface must be dusted, degreased and dry, free of corrosion products and other impurities. It is recommended to prepare the surface by sandblasting to degree of purity Sa 2.5 according to the standard ISO 12944-4, or mechanically cleaned to degree St 3.

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### Application data

Thinner:

Thinner for Nitro and fast drying primer(5-15%)

Conversion factor, wet/dry film : 2.5

Application: by brush , roller, air spray  
and airless spray: nozzle diameter 0.019-0.021''  
nozzle pressure 140-180 bar

Application conditions: atmosphere temperature +5 to +35° C  
Substrate temperature min. 3°C above dew point.

r.h. = max 80 %

Intercoat interval :

min. 2 h

max. unlimited

Washing tools: nitro thinner

### Storage

Two years in the original packaging in a closed and dry place at a temperature of 25°C.

### Safety precautions

Safety at work and fire protection are obligatory during the handling with this product. It is necessary to abide to instructions and safety data sheets of the manufacturer.

The technical data are given in order to optimally use the product.  
For all necessary information, contact the manufacturer.

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