



## TECHNICAL DATA SHEET

### NITRO ENAMEL

#### Product description

**Nitro enamel** is a one-component pigmented topcoat based on nitrocellulose, alkyd binder, anti-corrosive pigments, organic solvents and special additives.

#### Purpose of the product

Nitro enamel is for the protection and decoration of steel elements (metal cassettes, mailboxes, window grills, metal accessories) and steel structures in a milder environment (without the presence of aggressive corrosion agents). It is applied over Nitro primer for metal.

When protecting wooden surfaces, Nitro enamel is applied over Nitro primer for wood.

#### Technical data

Viscosity:	min.90 sec. F/4/20°C
Density :	1.00-1.15 g/cm <sup>3</sup>
Colour :	according RAL card
Volume solids :	min. 35 %
Dry film thickness :	40 to 60 µm
Theoretical consumption:	7,7 m <sup>2</sup> /kg for 40 µm
Drying, at t=20° C, rh=80% on dust :	10min
on touch:	30 min
For overcoating	2 h
full dry/cure:	2 h/24h

#### Surface preparation

The product is applied in a system with Nitro anti-corrosive primer for metal. Before application, the surface must be dusted, degreased and dry, without impurities.

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### Application data

Thinner:

Nitro thinner D (5-15%)

Conversion factor, wet/dry film : 2.85

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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