

# PROTECTOR 121

Technical Sheet n° 617 Rev. 18/01/2017

Colourless dry film protector for metals

## APPLICATIONS:

Protector 121 is an excellent temporary protector to prevent oxidation of tools, machines and metal parts of all kinds. It protects metal from oxidation by forming a dry, hard, very thin and practically invisible film on the treated surface. Thanks to its characteristics, it is suitable for medium-long term protection of metal parts, even outdoors and in humid environments. The Protector 121 film is resistant to scratches, does not yellow and does not lose gloss and transparency over time. Protector 121 effectively protects steel, light alloys and non-ferrous metals; in fact, it is able to protect aluminium surfaces for 1000 hours in salt mist (NaCl 5%, 50°C). Surfaces treated with Protector 121 can also be painted. However, it is advisable to carry out a preventive compatibility test with the paint to be used.

## METHOD OF USE:

The product can be applied with a brush or by immersion in case the pieces to be treated are small. Before treatment, the surface must be free from moisture and traces of dirt or processing residues, such as chips, particles and traces of chemical substances. Also remove the unstable parts that are not perfectly attached to the surface before the treatment. It is advisable to give at least two coat.

## FIELDS OF APPLICATION:

Protector 121 can be used in various sectors, such as: • Textile industry • Mechanic industry • Plastic industry  
• Spare parts warehouses • Maintenance departments

## TECHNICAL FEATURES:

Specific weight at 20° C	0,878 g/cm <sup>3</sup>
Average film thickness	5 μ (immersion)
Average yield	5/7 m <sup>2</sup> /l
Drying time	60 min
Average protection duration outdoors	8 months
Average protection duration indoors	Over 2 years

**Certified Quality System UNI EN ISO 9001**