

Technical data sheet

511.00050

CLEAR COAT NITROACRYLIC GLOSS



1000 gr +
400 - 500 gr



13 - 15" ASTM 4
at 25 °C



Ø 1.1 - 1.3 mm
3.5 Atm
N° of coats 2



Drying: 5' - 10' at 20 °C
Baking: 30' at 70 - 80 °C

NATURE OF PRODUCT:

Clear Coat one-component glossy transparent based on high-quality nitro-acrylic resins.

Properties:

- Excellent adhesion to the support
- High quick drying
- Excellent resistance and surface hardness

FIELD OF APPLICATION:

Suitable for the protection of products and/or indoor objects made of brass, steel and silver.
Can be used as a clear topcoat in industrial two-coat cycles.

PREPARATION OF THE SUBSTRATE:

The substrate should be free of any kind of surface contaminants, (grease, traces of oxidation, residues of waxes or polishing pastes, residues of substances from galvanic baths, etc.) so it should be treated with appropriate cleaning methods.

PREPARATION OF THE PRODUCT:

Comp. A	: 511.00050	100 parts by weight
Thinner	: D.525/D.535	40 - 50 parts by weight

Compatible with electrostatic application systems.

In special cases to eliminate distension defects, peel, bubble formation, add 3 -5% retardant **10063**.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: Nitro-Acrylic Clear Coat 1K		
APPEARANCE	: Glossy		
COLOUR	: Clear		
SPECIFIC WEIGHT	: 0,94 Kg/L (± 0,05)		
SUPPLY VISCOSITY	: 70" (±10") at 20 °C ASTM 4		
SOLID % - VOLUME	: 12% (± 2).		
SOLID % - WEIGHT	: 16% (± 2).		
DRYING TIME AT 20 °C.	: - Dry dust-free	:	5' - 10'
	: - Forced drying ⁽¹⁾	:	30' at 70 - 80 °C
RECOMMENDED LAYERS	: Two coats		
RECOMMENDED - DFT	: 10 – 20 µm dry		
RECOATING:	: After 10' at A.T.		

⁽¹⁾ The product also dries at room temperature, however, to achieve the best possible chemical and adhesion strengths, we recommend baking in an oven at 70 to 80 °C for 30 minutes minimum.

PAINT HARDNESS

<i>Parameter</i>	<i>Standard</i>	<i>Test Method</i>	<i>Value</i>
König Hardness	Iso 1522 - Din 53157	Apply 50 µm on glass and then 30' at 90 °C;	240"
Pencil Hardness	Astm D 3363	Apply 50 µm on glass and then 30' at 90 °C;	H

APPLICATION INSTRUCTIONS:

-View pictograms Page 1.

NOTE:

If necessary, the paint can be colored with our **50100M** series color concentrates at the rate of 1-3% referred to 100 parts of undiluted paint.

Larger additions are also possible, however, we recommend preliminary testing of the suitability of the complete cycle before moving to industrial-scale production.

SAFETY REGULATIONS:

Strictly follow the instructions on the labeling and in the safety data sheet.

STORAGE CONDITIONS:

The storage room must be dry and with a temperature between +10 °C and +35 °C.

The data and information contained in this sheet are the result of our experience and accurate laboratory tests. However, since the painting process represents a set of operations that are beyond our control, they do not therefore guarantee, in any way, the final performance of the cycle.

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