

401 - 1K NITRO CELLULOSE GLOSS TOPCOAT

Definition

Product Code	FC401
Nature of the product	NITRO CELLULOSE
Family (NFT 36-003)	FAMILY 1 - CLASS 5 A
Use / Destination	1 K NITRO CELLULOSE TOPCOAT FOR : TOYS, WOOD OR METAL FURNITURES, TUBULAR FURNITURE, MACHINE TOOLS, TOOLS, AGRICULTURAL MACHINERIES, INDUSTRIAL VEHICLES ...ETC CAN BE APPLIED ON WOOD
Tints	ALL OPAQUE TINTS
Aspect	SPECULAR GLOSS 85 TO 90% AT 60° ANGLE

Physical data

Viscosity of delivery (NFT 30-014)	130 SEC AFNOR CUP N°4 AT 20°C
Density (NFT 30-020)	1,000 TO 1,200 FOLLOWING TINT
Solids by weight (NFT 30-084)	50 % (+/-5)
Solids by volume	30 % (+/-5)
Theoretical coverage	8 TO 10 M ² / L FOR 50 TO 65μ DRY
V.O.C. level	> 420 GR/L

Delivery data

Packaging	1 KG - 5 KG - 25 KG
Flash point	> 23°C
Transportation code	CLASS 3, GROUP 3.3, UN : 1263, IMDG : 3372

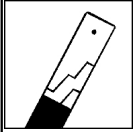
This data sheet is designed to inform our customers about the properties of the product. As we can't control the application it is up to the users to make tests to check if the product fits the application. These indicative information are given as objectively as possible and in no case they would involved our responsibility. This data sheet cancels and replaces any anterior edition. MSDS are given on demand.

Use



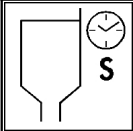
Substrate

CLEANING / SANDING : P 380 – P 400 DRY



Preparation

SPRAY GUN :
 TOPCOAT 301 : 100 PARTS
 THINNER CL 102 : 20 PARTS
 IN CASE OF HIGH TEMPERATURE USE RETARDER THINNER AT 4%



Viscosity of application

22 TO 28 SEC AFNOR CUP N⁴ AT 20^oC



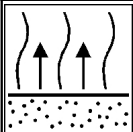
Application / Adjustment

	Nozzle (mm)	Pressure (bar)	Number of coats
Pneumatic	1 - 1.5	3.5 - 5	1 - 2
Membrane pump	1 - 1.2	0.5 - 0.8	1 - 2
HVLP	1.2	2.0	1 - 2



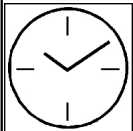
Thickness

DRY : 40 TO 55 μ
 WET : 100 TO 130 μ



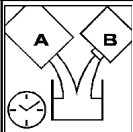
Flash off time

10 MIN AT 20^oC



Drying time

DUST FREE : 15 MIN AT 20^oC
 DRY TO TOUCH : 30 TO 45 MIN AT 20^oC



Keeping

STORAGE : 2 YEARS IN A SEALED CAN OF ORIGIN STORED BETWEEN 10 AND 30^oC

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