

## 701 - 2K INDUSTRIAL POLYURETHANE TOPCOAT

### Definition

<b>Product Code</b>	FP701
<b>Nature of the product</b>	2K ACRYL POLYURETHANE GLOSS TOPCOAT
<b>Family (NFT 36-005)</b>	FAMILY 1 - CLASS 6 A
<b>Use / Destination</b>	2K ACRYL POLYURETHANE TOPCOAT FOR : INDUSTRY, CHASSIS, PUBLIC WORKS, INDUSTRIAL VEHICLES, AGRICULTURE ...ETC
<b>Tints</b>	ALL OPAQUE TINTS
<b>Aspect</b>	SPECULAR GLOSS : 90 % AT 60 ANGLE

### Physical data

<b>Viscosity of delivery (NFT 30-014)</b>	60 TO 90 SEC AFNOR CUP N 4 AT 20 C
<b>Density (NFT 30-020)</b>	1,010 TO 1,350 FOLLOWING TINT
<b>Solids by weight (NFT 30-084)</b>	60 % (+/-5)
<b>Solids by volume</b>	50 % (+/-5)
<b>Theoretical coverage</b>	8 TO 12 M PER LITRE FOR 60 $\mu$ DRY
<b>V.O.C. level</b>	> 420 GR/L

### Delivery data

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

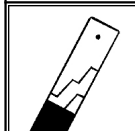
This data sheet is designed to inform our customers about the properties of the product. As we can't control the application it is up to the users to make tests to check if the product fits the application. These indicative information are given as objectively as possible and in no case they would involved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

## Use



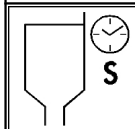
### Substrate

CLEANING / SANDING : P 380 -P 400 DRY  
ON MONOPOL 2K PRIMERS



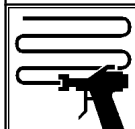
### Preparation

SPRAY GUN :  
4 + 1 IN VOLUME  
TOPCOAT 701 : 4 PARTS  
HARDENER L 900/901S/TURBO : 1 PART  
THINNER L 900/L905 STANDARD OR SLOW : 5 TO 20%  
THINNING TO BE ADAPTED TO THE USE



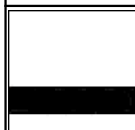
### Viscosity of application

22 TO 40 SEC AFNOR CUP N 4 AT 20 C



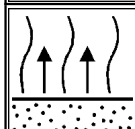
### Application / Adjustment

	Nozzle (mm)	Pressure (bar)	Number of coats
HVLP	1,2 - 1,4	2.0	2
Airless airmix	0,9 - 13	40 - 120	2
Pneumatic	1,2 - 1,8	3,5 - 5	2
Membrane pump	1.0 - 1.4	0.5 - 1	2



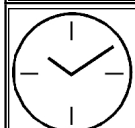
### Thickness

DRY : 50 TO 65 $\mu$   
WET : 100 TO 130 $\mu$



### Flash off time

15 TO 20 MIN AT 20 C



### Drying time

DUST FREE : 30 MIN AT 20 C  
DRY TO TOUCH : 1H30 AT 20 C  
BAKING : 30 MIN TO 45 MIN AT 60 C

### Keeping

POT LIFE : 4 HOURS AT 20 C  
STORAGE : 1 YEAR IN A SEALED CAN OF ORIGIN STORED BETWEEN 10 AND 30 C

### Notes :

FOLLOWING ADDITIVES CAN BE USED IN THIS TOPCOAT (RATIO IN WEIGHT)  
ELECTRO STATIC ADDITIVE: 2.5%  
STRUCTURED ADDITIVE: 30%  
ANTICORROSION ADDITIVE: 7%  
THIXOTROPIC ADDITIVE: 0.2%  
ACCELERATOR ADDITIVE: 5%  
SOFTENER ADDITIVE: 10%  
Mixing stick : N 4  
N 4

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