

URKI-NATO C

2K ACRYLIC POLYURETHANE ENAMEL

Edition: 021 2017/05

Cod: 6080000000.00000.021

APPLICATION

"USE ONLY IN INDUSTRIAL FACILITIES"

Acrylic Polyurethane Enamel with Aliphatic hardener and very solid pigments. Excellent direct adhesion, without primer, on different substrates: steel, aluminium, galvanized, PVC, etc.

Used for painting Industrial Vehicles, agricultural and public works machinery, cranes, garden furniture, PVC, PUR and ABS frames, road signs, etc.

High hardness and flexibility. Gloss and colour remain unchanged. Good outdoor resistance and suitable for medium intensity aggressive environments.

It is mainly used as a single coat, thanks to its direct adhesion.

Fulfills the UNE 135331:2004 norm (Coating of vertical road signs)

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	1,00 - 1,30
Grinding Fineness (μ)	5 - 10
Supply viscosity at 20°C	80 - 120 sec. Ford nº 4
% Solids content (weight / volume)	50-60 % weight; 40-45 % vol. (Mixed with hardener)
V.O.C. (g/l)	578 (Ready to use)
Type of product	Acrylic Polyurethane
Colour	RAL, UNE, NCS, BS, etc.

SURFACE PREPARATION

Steel: degreased or phosphatised. When using a primer, previous sand-blasted Sa 2 ½ is recommended for a higher protection.

The surfaces must be free of rust, grease or dirt.

On old galvanized: brush and degrease.

On plastics: clean with thinner nº 94. On PVC, use URKISOL 88, as a degreaser.

APPLICATION INSTRUCTIONS

To apply with electrostatic equipment consult our technicians for the recommended Thinner.



(1) E-225
5:1 vol.



> 3 h.



20-30"
Ford nº 4



URKISOL
900P/8229/3700
15-20 %
Ø 1.4-1.6 mm



35-50 my



10-15'



Non sticky 3-4 h.
60°C/30'
70°C/20'
110°C/20'



15'



AIR-LESS
URKISOL
900P/8229/3700
10-15 %
0,009-0,011"



AIR-MIX
URKISOL
900P/8229/3700
10-15 %
0,009-0,011"

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(1) It can be changed by E-202 (fast) or E-216 (medium) with the same mixing ratio.

FEATURES OF DRY FILM

Substrate and material pretreatment	Degrease or phosphatized steel, Aluminium, Galvanized
Mechanical properties	7 days (on degreased steel)
Hardness Persoz	> 150 sec.
Erichsen test mm.	> 5 mm.
Impact D/I	70 cm. D / 20 cm I (20 ø)
Mandrel bend	6 mm ø
Adhesion	Gt- 0 on all the above mentioned surfaces

Theoretical yield (m ² /l)	9,5 - 10 (45 my)
Gloss 60°-60°	> 80 %
Second layer	24 h.

RESISTANCES

Resistance according to ISO 12944-2	C3 HIGH C5-M HIGH (1)
Salt Spray Test Resistance	500 h. (directly on Galvanized)
Accelerated weathering Test (1)	QUV 500 h. (2)
Resistance to liquids	Water, soaps, grease and oil, petrol, etc.

(1) C3 HIGH on F-29, F-350/2 or F-375/2
C5 M HIGH on ALFA-ZINC 1674 EZ + F-350/2 or ALFA-POX 2665 CG

(2) Cycle:
4 h. Ultraviolet 60°C
4 h. Condensation 50°C
Lamp of type B

STORAGE

Keep under cover in a cool and well-ventilated place avoiding direct sunlight. Temperatures between 5 and 25°C recommended.
Can life: **2 years** from manufacturing in date its original unopened container. Consult our Technical Department once date has expired.