

URKI-NATO SAT

2 K SATIN POLYURETHANE ENAMEL

URKI-SYSTEM

CONVERTER: 6749 / CONV U-NATO SAT

RELATION PASTE / CONV.: 25/75 V. (35/65 weight)

Edition: 025 2025/07

Cod: 6974300000.00000.025

APPLICATION

"USE ONLY IN INDUSTRIAL FACILITIES"

Recommended for the painting of Machines Tools, Metallic Furniture, Machinery used for Public Works, Closures, etc. It presents a remarkable resistance to aggressive agents, hardness and resistant to scratching, a high elasticity, body and a pleasant Satin Finish.

Fire retardant (M1). Homologated according to UNE 23727-90. Tested according to UNE 23721-90.

It is classified as F1 according to the norm NF F-16101 (previously primed with BESA-CAR).

URKI-NATO , in every gloss level (URKI-NATO or URKI-NATO SAT) is classified as R1,R9 according to the norm EN 45545 when it is applied onto F-294/2 or BESA-CAR.

URKI-NATO SAT with Textured finish and applied on BESA-CAR, is classified as R10 (Test of Critical sliding angle according to DIN 51130).

For a higher weathering resistance can be used the additive UV799 up to 5%.

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	1,10 - 1,35
Grinding Fineness (µ)	20 - 25
Supply viscosity at 20°C	100 - 120 sec. Ford nº 4
%Solids content (weight / volume)	58 - 66 % weight; 46 - 50 % volume. (Mixture with hardener E-277) 55 - 64 % weight; 44 - 48 % volume. (Mixture with hardener E-225)
V.O.C. (g/l)	546 (Ready to use)
Type of product	Polyester Polyurethane
Colour	URKI-SYSTEM. RAL, UNE, NCS, BS, etc.

SURFACE PREPARATION

-Steel: Deoxidized and degreased. Prime with F-714 SHOP-PRIMER. If an enhanced rust inhibitor process is required, prime with F-282/2 2 K Zinc Phosphate Epoxy Primer.

-Galvanized: Degreased. if it is old, brush and degrease. Prime with F-282/2 or F-286/2 2 K Epoxy SHOP-PRIMER. before finishing with URKI-NATO SAT.

-Aluminium: As for galvanized.

APPLICATION INSTRUCTIONS

Leave the mixture settle 15 minutes before starting the application.

To use it as ANTIGRAFFITI, use ADITIVE 51 ANTIGRAFFITI instead of the recommended thinner. See Additive Technical Data Sheet.

For a structure effect use TEXT STRUCTURE ADDITIVE GR3 or Corundum. See additive Technical Data Sheet.



E-277 (Indoors)
E-225 (Outdoors)
3:1 vol.



5 h.



20-22 "
FORD nº 4



URKISOL
900/P or 8229
15-20 %



35-45 my



Touch Free 30 '
Tack Free 3-4 h.



20 '



In cabin
10-15 '
70°C/30 '



URKISOL
900/P / 8229 8-12%
0,009-0,011"
25-35 "



URKISOL
900/P or 8229
8-12 %
35-40 "

FEATURES OF DRY FILM

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Theoretical yield (m ² /l)	11 - 12 (40 my)
Gloss 60°-60°	35 - 45 % (E-277); 20 - 30 % (E-225)
Second layer	12 hours. If the product is used as antigraffiti, it needs to be sanded and degreased.

Mixing (weight) with U-Nato Converter or F-755 universal Matcher, a higher gloss range or a lower gloss range can be obtained.
To achieve the degree of gloss as indicated in the table make sure all products are correctly mixed.

E-225

URKI-NATO SAT	90	85	80	90	75
URKI-NATO	10	15	20	-	-
F-755	-	-	-	10	25
Gloss 60°-60°	40-50	55-60	65-75	10-20	5-10

E-277

URKI-NATO SAT	90	85	80	90	75
URKI-NATO	10	15	20	-	-
F-755	-	-	-	10	25
Gloss 60°-60°	65-70	70-75	80-85	25-35	10-15

The values shown in the table are for guidance only.

The indicated degree of gloss are achieved with the above mentioned thicknesses (35-45 my)

STORAGE

Keep under cover in a cool and well-ventilated place avoiding direct sunlight. Temperatures between 5 and 30°C recommended.
Can life: **2 years** from manufacturing in date its original unopened container. Consult our Technical Department once date has expired.