

B 21



EPOXY-PUR R-1 SYSTEM



PRODUCTS

F-294/2 2K ZINC PHOSPHATE EPOXY PRIMER
URKI-NATO / URKI-NATO SAT / ANTIGRAFFITI AND TEXTURE

FIELD OF APPLICATION

System designed for painting railway vehicles, compliant with the norm EN 45545 to protect passengers and staff from fire.

Urki-Nato offers excellent properties in hardness, elasticity, resistance to abrasive agents such as soap, fuel, grease, oil, chemical products, etc.

F-294/2 High Solid Primer formulated with an Epoxy resin and hardened with Polyamide with its high content of antirust pigment offers the system an excellent antirust protection.

As topcoat it can be used Urki-Nato, Urki-Nato Sat and with textured effect or as antigraffiti.

PHYSICAL PROPERTIES

	F-294/2	Urki-Nato	Urki-Nato Sat
Type of product	Epoxy Polyamide	Polyester Polyurethane	Polyester Polyurethane
Density	1,64 ± 0,05	1,05 - 1,30	1,10 ± 1,35
Supply viscosity at 20° C	80 - 90 KU (Stormer)	80 - 90 KU (Stormer)	100 - 120 seg. Ford n°4
Solid content (% weight)	66 - 70% (mixed with hardener)	55 - 64% (mixed with hardener)	55 - 64% (mixed with hardener)
Solid content (% volume)	43 - 47% (mixed with hardener)	48 - 51% (mixed with hardener)	44 - 48% (mixed with hardener)
V.O.C.	514 g/l (ready to use)	540 g/l (ready to use)	546 g/l (ready to use)
Color	Grey 7035, Beige 1111	s/m URKI-SYSTEM	s/m URKI-SYSTEM



SURFACE PREPARATION: CAST IRON STEEL

The surfaces should be degreased and free of dust.

B 21

EPOXY-PUR R-1 SYSTEM

APPLICATION

F-294/2

E-344
5:1 weight

24 h.

25-35"

No dilution.
For touch up

URKISOL 357 / 394
10-15%
Ø 1,6-1,8 mm.

50-100 my

45' Non sticky

15-30'
80° C/30 min.
(In cabin)

AIR-MIX

AIR-LESS

URKI-NATO

E-277 (indoor)
E-225 (outdoor)

5 h.

20-22"

URKISOL 900P / 8229
25-30%

35-45 my

3 - 5 h.
Non sticky

20'

10-15'
70°C / 30'
(In cabin)

AIR-MIX

AIR-LESS

URKI-NATO SAT

E-277 (indoor)
E-225 (outdoor)

5 h.

20-22"

URKISOL 900P / 8229
15-20%

35-45 my

Touch free 30'
Non sticky 3-4h.

20'

10-15'
70°C / 30'
(In cabin)

AIR-MIX

AIR-LESS

FEATURES OF DRY FILM

	F-294/2	Urki-Nato	Urki-Nato Sat
Theoretical yield	8 - 9 m ² / l. (50 my)	12 - 13 m ² / l. (40 my)	11 - 12 m ² / l. (40 my)
Gloss 60 - 60°	Matt Satin 5 - 10%	>95%	20-30% (E-225)
Recoatibility	20 - 30 min.	18 h (After this time degrease). To use it as antigraffiti it needs to be sanded and degreased.	12 h. To use it as antigraffiti it needs to be sanded and degreased.

RESISTANCE AND CERTIFICATES

The system resists 1000h. on the salt spray test in cast iron steel in accordance to UNE ISO 9227-2007 EN.

Risks levels HL1, HL2 & HL3 have been achieved according to Norm UN EN 45546 following the requirements from Norm R1, R2, R3, R7 & R17.



1000 H SALT SPRAY TEST