

B 25



LOW VOC EPOXY ACRYLIC- PUR SYSTEM



PRODUCTS

F-296/2 2K LOW VOC EPOXY ZINC PHOSPHATE PRIMER
URKI VOC 2K LOW VOC ACRYLIC POLYURETHANE

FIELD OF APPLICATION

Paint System developed for Commercial Vehicle, machinery in general and any other sector where a high resistance both to oxidation and open air, as well as a reduction in VOC is demanded.

F-296/2 Ultra High Solid Primer, formulated with an Epoxy resin and hardened with Polyamide with its high content of antirust pigment provides the system an excellent antirust protection. Suitable for wet on wet application after 20-30 minutes.

The Urki-Voc Ultra High Solid topcoat offers excellent elasticity, body, gloss

and outdoor resistance.

This system is compliant with the current legislation in the European Directive 2004/42/CE for Car Refinish.

Also used as an alternative to conventional processes for the reduction of VOC emissions, in order to help fulfill the Directive 1999/13/CE.

The system fulfills the requirements of the Test of Global Migration referred to the contact with food for the simulants B and D2 of Directive 85/522/CEE, based on Regulation 10/2011.

PHYSICAL PROPERTIES

	F-296/2	Urki-Voc
Type of product	Zinc Phosphate Epoxy Polyamide	Polyurethane Acrylic
Density 20° C	1,68 ± 0,05	1,0 - 1,30
Supply viscosity at 20° C	70 - 75 KU (Stormer)	75 - 95 KU (Stormer)
Solid Content (% weight)	66 - 70% (mixed with hardener)	60 - 67% (mixed with hardener)
Solid Content (% volume)	41 - 45% (mixed with hardener)	54 - 58% (mixed with hardener)
V.O.C. (2004/42/CE) II B. (c) (540)	456 g/l (ready to use)	
V.O.C. (2004/42/CE) II B. (d) (420)		417 g/l (ready to use)
Color	Crema 1111	s/m URKI-SYSTEM



SURFACE PREPARATION: STEEL, ALUMINIUM & GALVANIZED

The surfaces should be thoroughly degreased and deoxidized.

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APPLICATION F-296/2

E-344
5.5:1 weight

24 h.

FORD
n.º 4 s

No dilution
For touch up

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

50-100 my

Non Sticky 45°

AIR-MIX

AIR-LESS

15-30'
80° C/30 min.
(In cabin)

URKISOL 394
3% max.
0.013-0.015"

URKISOL 394
3% max.
0.013-0.015"

URKI-VOC

Medium E-225/E-243
Fast E-202/E-203

3 h.

18-20" Spraygun
25-35" Airless/Airmix

URKISOL 8229 / 3700
20-25%
14-1.6 mm.

55-65 my

4-5h E-225/E243
3-4h E-202
2.5h E-203
Non Sticky.

Onda media
E-225/E-243 20'
E-202 15'
E-203 12'

AIR-MIX

15-30'
60-70°C/30'
(In cabin)

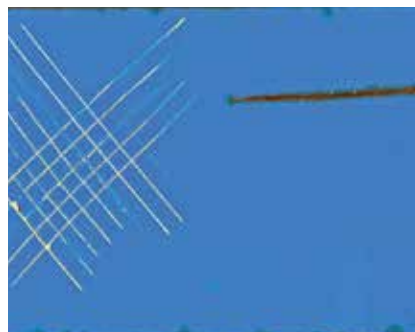
URKISOL 8229/3700
0-5%
0.009-0.011"

FEATURES OF DRY FILM

	F-296/2	Urki-Voc
Theoretical yield	8 - 9 m ² / l. (50 my)	10 - 11 m ² / l. (40 my)
Gloss 60 - 60°	Matt Satin	> 90%
Recoatibility	20 - 30 min.	3 h. after cabin drying. To use it as antigraffiti, it needs to be sanded and degreased.

RESISTANCE AND CERTIFICATES

An independent approved Laboratory certifies that this System meets the requirements for category C4 High in accordance to ISO 12944-2 (Shotblasted Steel Sa 2½).



720 H SALT SPRAY TEST

The system is certified by IANESCO (12/13612) and meets the limits of global migration for the simulants B and D2, that represent some non alcoholic, aqueous, acid and fatty food.



480 H HUMIDITY TEST