

ALFA-PUR 3798

2K DTM UHS ANTI-CORROSION PUR ENAMEL

URKI-SYSTEM

CONVERTER: 6798 / CONV A-PUR 3798

RATIO PASTE / CONV.: 20/80 VOL

Edition: 021 2020/01

Cod: 6979800000.00000.021

APPLICATION

"USE ONLY IN INDUSTRIAL FACILITIES"

Acrylic-polyurethane UHS enamel for industrial vehicle painting in single-coat system with an Air-mix equipment of medium pressure. Elasticity, consistency and good anti-corrosive resistance not needing of a primer. Good adhesion properties on light metals (aluminum and galvanized steel).

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	1,17 - 1,35
Grinding Fineness (μ)	5 - 10
Supply viscosity at 20°C	75 - 85 KU
% Solids content (weight / volume)	59 % ± 2 weight ; 44% ± 2 vol. (Mixture with hardener)
V.O.C. (g/l)	490 (Ready to use)
Type of product	Acrylic - Polyurethane / Zinc Phosphate
Colour	s/m URKI-SYSTEM, Charts RAL, UNE, NCS, BS, etc

SURFACE PREPARATION

Steel: The desired surfaces must be properly degreased. In case of looking for a higher corrosion resistance, a Sa 2 1/2 sandblasting is recommended.

APPLICATION INSTRUCTIONS

Leave the mixture settle for 15 minutes before starting the application.

(1) High ratio equipments



E-225/E-202/E-216
5:1 vol



> 2 h.
(E-225/E-216/E-202)



Air-Mix: 45-60"
Air-less: Mixture
viscosity (1)



URKISOL
8229 or 3700
Airmix: 5-10 %
Airless: 0-5 %



70-100 my



Tack Free E-225 < 3h
E-216 < 3 h.
E-202 < 2 h.



Spray booth 10'
80°C/30'

FEATURES OF DRY FILM

Substrate and material pretreatment	Degreased Steel
Mechanical properties	7 days
Hardness Persoz	> 150 sec
Erichsen test mm.	7 mm
Impact D/I	70 cm D(20 mm ø)
Mandrel bend	6 mm ø
Adhesion	Gt-0 (Steel, galvanized steel and aluminum)

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FEATURES OF DRY FILM

Theoretical yield (m ² /l)	5 - 6 (80 my)
Gloss 60°-60°	70-80 %
Second layer	24h air / 3 h. after spray-booth drying

FEATURES OF DRY FILM

By mixing (on weight) with the ALFA-PUR 3799 binder, intermediate gloss ranges can be attained.

For the achievement of the different gloss degrees on the following table, it is very important to homogenize all the products before being mixed between them.

Hardener: E-225

ALFA-PUR 3798	80	60	50	40	20
ALFA-PUR 3799	20	40	50	60	80
Gloss 60°-60°	50-60	40-50	35-40	30-35	25-35

The values shown in the tables are for guidance only and with the recommended thickness (70-100my)

RESISTANCES

Resistance according to ISO 12944-2	C3 HIGH
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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.