

ALFA-ZINC 1674 EZ

2 K ZINC RICH EPOXY PRIMER

Edition: 021 2017/05

Cod: 3167407000.00000.021

DEFINITION

2K Epoxy Polyamide anticorrosion primer with high percentage in Metal Zinc.

UTILIZATION

Steel protection on aggressive environments: boilermaking, sewage treatment plants, chemical and paper industry, thermal power stations, etc.

PROPERTIES

Excellent application properties, resistance to abrasion and rust protection. Quick drying. Recoatable with a wide range of products: Chlorinated rubber, Vynil, Epoxy, Acrylics, Polyurethanes, etc. once recoated with an intermediate coat.

ALFA- ZINC 1674 is part of the recommended process to achieve C5 I High in high resistance Marine and Industrial environments according to UNE EN ISO 12944-2 (See Guide to Industrial Paint)

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	2,55 ± 0,03
Grinding Fineness (μ)	Without Lumps
Supply viscosity at 20°C	110 - 120 KU (Stormer)
% Solids content (volume)	82 % ± 2 weight; 53 % ± 2 vol.
V.O.C. (g/l)	476 (Ready to use) - (2004/42/CE) IIA (j) (500)
Type of product	Epoxy - Polyamide
Colour	7000 Grey

SURFACE PREPARATION

Shotblasting to Sa 2 ½ necessary from the Swedish Norm SIS 05 59 00, with profile from 25 to 50 microns. The surface must be clean, dry and free from grease, oil, or seal spikes, etc,...

After shotblasting, paint within 3 hours.

GROUNDS

Apply directly on the steel surface

APPLICATION INSTRUCTIONS



E-305
5,5:1 vol
94:6 weight



8 h.



Spraygun 20-30"
Air-less 30-35"
Ford nº 4



URKISOL 357
15-20 %
1,6-1,8 mm. ø



50-60 my



3 h. Tack Free



URKISOL 357
15-20 %
0,013-0,015"



Without thinner
(Small repair or touch up)

Cleaning thinner: URKISOL 700 E, URKISOL 200 ó P-1.

PROCESS

Thorough mechanical homogeneization of the pigmented liquid component, slowly adding the hardener while mixing and diluting at the same time. Partial mixtures are not recommended. Recoat with intermediate coats such as F- 294/ 2, F- 296/ 2, F- 350/ 2, F- 386/ 2, etc.

Do not paint if the ambient temperature is below 10°C and the surface is not at least 3°C above the dew point.

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FEATURES OF DRY FILM

Theoretical yield (m ² /l)	9 - 9,5 (55 my)
Gloss 60°-60°	Matt
Second layer	Minimum: 1 hour; Maximum: No limit

RESISTANCES

Max. continuous temperature exposure	125°C
Resistance according to ISO 12944-2	Resistance according to ISO 12944-2. C5 I High (recoated with F- 294/ 2 and URKI- NATO. Certified by a homologated external Laboratory).

REMARKS

Do not expose to acid or alkaline environments, without recoating with an Epoxy Intermediate Coat.

Not indicated for surfaces to be placed under water, not even when recoated with multicoat processes.

If the product has been exposed for a long time outdoors and first white stains appear (salt or Zinc oxids), clean thoroughly with high pressure drinking water and scrub with bristle brush.

STORAGE

Keep under cover in a cool and well-ventilated place avoiding direct sunlight. Temperatures between 5 and 25°C recommended.

Can life: **6 months** from manufacturing in date its original unopened container. Consult our Technical Department once date has expired.