

Urethane-alkyd based multi-coat anti-rust lacquer. Stretched gloss + ironworks matt black finishes.

PHASE SOLVANT



FDES
vérifiée

A+

PURPOSE

Urethane-alkyd anti-rust lacquer with high content of micronized active pigments.

Suitable for all new or maintenance works on metal elements in standard rural, urban, or industrial environments: piping, heaters, gates, shutters, railings, metal frameworks, tools, building site material, tanks (outdoors), agricultural machinery, road or building site equipment, etc.

ZOLPAFER FAC provides a good anti-rust protection (brought about through the multi-coat application), good resistance to UV rays and weathering, and an excellent balance between flexibility and film adherence.

Very easy to apply, it may be used as multi-coat application directly over metal or over PRIMAIRE PAH in case of a difficult corrosive environment.

ZOLPAFER FAC is available in a very wide range of colours in gloss and in ironworks matt black finish.

The smooth, closed film that isolates from weathering, together with an anti-corrosive protection of a new generation that blocks the development of rust in aqueous environments, provide ZOLPAFER FAC with an efficient and long-lasting protection in direct multi-coat application over most metals (DTM technology, Direct To Metal).

SURFACES

- Ferrous metals.
- Non ferrous metals coated with PRIMAIRE UNIVERSEL.
- Coated metals in good condition (except two components).

MAIN FEATURES

- One-pack ready-for-use product.
- Anti-rust protection in all coating thickness (used as primer and finish).
- Suited to the preparation of reduced surfaces.
- Excellent ornamental quality (gloss, stretched, high build).
- Flexible and adherent film.
- Good resistance to weathering, UV rays and atmospheric pollution.
- High efficiency.
- Manual or mechanised application.
- Fast drying.
- Very good stability of the colours and gloss.
- Wide range of colours.
- Free from lead and chromate.

IDENTIFICATION CHARACTERISTICS

In accordance with official standards or, if none applicable, with internal standards.

Aspect	Fluid ready-for-use paint.
Gloss	Specular Gloss 60° > 85
Dry matter	In weight: 63 ± 2 %. In volume: 49 ± 2 %.
Density	1.15 ± 0.05
Flash point	Above 38°C.
VOC Concentrations	Max. 500 g/l. EU threshold value for this product (A/i cat): 500 g/l.
Drying Time (20°C, 65% RH)	Impervious to dust: 2 hrs. Dry: 4 hrs. Recoatable: 24 hrs. Complete hardening: 1 week. <i>Drying delayed by cold and damp weather.</i>
Coverage	Ca. 12 sqm/l per coat over smooth surface (40 dry microns). <i>Depending on the roughness of the surfaces and applications losses.</i>
Classification	NF T36-005: Family I class 4a/6a. Indoor air emissions*: A+.
Colours	ZOLPACHROM 3 system (white and all bases). Colours in stock: white, ironworks matt black...
Packaging	ZOLPACHROM 3 system: 1 L - 4 L - 16 L. ZOLPAFER FAC colour chart: 1 L - 4 L.

* Information about the indoor emission level of volatile substances presenting a toxicity hazard through inhalation, on a scale ranging from A+ (very low emissions) to C (high emissions).

USE

Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards).

Preparation of the Bases

Bases must be dry, sound, and consistent with the product application. They must be free from any element likely to disrupt the adherence and durability of the coating such as non-cohesive rust, carbon deposits, micro-organisms, chipped paint, greasy residues, salts, chemical contaminants and miscellaneous dirt...

Depending on the cases and site possibilities:

- **Ferrous metals:**

Remove carbon deposits, non-cohesive rust or in patches by scraping/brushing, pickling, peening, grinding, or better, by sanding/dusting.

If necessary (small surfaces, difficult to access), clean/remove the rust from superficially oxidized metals (prior brushing in case of non-cohesive rust) with the acid passivating agent DÉROUILLANT PHOSPHATANT. Clean after action (\pm 10 min).

Do not rinse.

If needed, pre-degreasing of greasy or heavily soiled surfaces with an alkaline detergent such as NETTOYANT MULTIUSAGES, rinse/dry, or with a solvent such as DILUANT R or REX with a clean and frequently impregnated cloth (small surfaces).

- **Coated metals** (in good condition):

Clean with solvent or with an alkaline detergent such as NETTOYANT MULTIUSAGES, rinse/dry.

Remove the rust and non-adherent paints by scraping, brushing, sanding, abrasive jet scavenging...

Dust.

Touch-up areas whose coat has been removed before a general applying the coating.

Prior adherence and compatibility test if in doubt.

Finishing Works

Process

- As a general rule, ZOLPAFER FAC is used in direct multi-coat application, 2 to 3 coats, depending on the degree of protection and colour.

Average thickness per coat: 40 dry microns.

Application as shortly as possible following the surface preparation.

- The application of PRIMAIRE PAH over coated metals provides a reinforced anti-rust protection in aggressive corrosive environments (industrial, maritime...).

Equipment

Brush, lacquer roller, spray gun, airless sprayer (11 to 15 % nozzle).

Dilution

Ready for use.

Equipment Cleaning

WHITE SPIRIT, immediately after use.

Application conditions

- Ambient and surface temperature above 5°C (caution if $T > 35^{\circ}\text{C}$).
- Relative humidity below 80 %.
- Dry and condensation-free surface.
- Sheltered from strong winds and direct sunlight.

CONSERVATION

- 24 months in original unopened packaging.
- Store in a cool and ventilated room.

HEALTH, SAFETY, AND ENVIRONMENT

Refer to

- The safety information label on the packaging.
- The Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: www.zolpan.fr
- The Environmental and Sanitary Declaration Sheet (FDES) "Peintures antirouille en phase solvant" ("Anti-rust paints in solvent phase") on the INTERNET: www.inies.fr

IMPORTANT NOTICE REGARDING THE ZOLPAN TECHNICAL SHEETS: This version cancels and supersedes previous editions. It is our customers' responsibility to check that they have the latest edition before using the product. The information given in this sheet only has an indicative value and cannot replace the specific data relating to the type and condition of the surface to be treated.

