

PHASE AQUEUSE



FDES
vérifiée



PURPOSE

Protection and decoration of wood elements in new and renovation works: building joinery, frameworks, panelling, fences, garden sheds... Satin finish.

Its original formulation with a base of mixed alkyd/acrylic binders in aqueous phase enables to combine ease of application and transparency with an optimal protection of the joinery, even in adverse atmospheric conditions.

The specific pigmentary formulation of SATIZOL ACRYL and its beautiful polished satin finish emphasise the wood grain whilst ensuring excellent coating of the joinery.

Through its environmentally friendly formulation, its multicoat use, and its high technical qualities, SATIZOL ACRYL constitutes a genuine alternative to classical solvent based stains, especially for HQE (High Environmental Quality) operations.

SATIZOL ACRYL is available in natural and coloured shades for a modern and creative choice of colours.

SURFACES

- New or old bare woods (solid wood or derived products).
- Recommended for non-drying species (iroko, niangon, utile, teak...), acid species (red cedar), CTBx plywood.
- Stained woods in good condition.

NB:

- Also suitable as concrete stain.
- The colourless version is only suitable for indoor use, unless used as 1st coat in stain systems.

MAIN FEATURES

- High UV, humidity, and weathering protection.
- Permanent controllability and high microporosity, which cancels risks of scaling.
- Water-repellent protection, which limits dimensional variations of the wood (and thus cracks).
- Reinforced protection of the film against the formation of mould and blue stain fungi.
- Ease of use (good behaviour on the brush, no sagging, high wet-edge time).
- Product free from solvent smell, ideal for all works in occupied premises.
- Labour-saving (2 coats within the day, application over damp wood possible).
- Anti-rust reinforcement (nail heads, staples,...).
- Long-lasting, reduced maintenance.
- Easy maintenance, renovation without pickling.
- Wide choice and stability of colours.
- Product in aqueous phase: comfort and safe use, environmentally friendly.

IDENTIFICATION CHARACTERISTICS

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

Aspect	Semi-fluid product.
Gloss	Specular gloss 60°: 40 - 45
Dry Matter	In weight: 32 ± 2 %. In volume: 30 ± 2 %.
Density	1.05 ± 0.05
Flash Point	n/a.
VOC Concentrations	Max 92 g/l. EU threshold value for this product (A/e cat.): 130 g/l.
Drying (20°C, 65 % RH)	Touch dry: 1 hr. Between coats: ca. 4 hrs. <i>Variable according to the wood species and the ambient conditions of application.</i>
Coverage	12 to 16 sqm/l per coat, dep. on the wood species and the preparation quality of the works.
Classification	NF T36-005: Family I class 4a/7b2. Label vert excell: Free from contaminants likely to disrupt the quality of wine-producing environment (chlorophenols, chloroanisoles, and derived components). Indoor air emissions*: A+.
	<small>* 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).</small>
Colours	Colour chart TEINTES NATURELLES et COLORÉES in ZOLPACHROM 3 system. The final shade may vary depending on the wood species and the treatment applied.
Packaging	1 L - 4 L - 12 L

USE

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

Base preparation

Bases must be sound and consistent with the product application. They may be damp on the surface.

• Bare wood

Gin, brush, dust.

Degrease with methylated spirit or with cellulosic diluent for stump wood (niangon, teak, utile...).

• Old wood

The application must be done on wood works in good condition and displaying a coherent surface. Depending on the cases:

- Uncoat the wood by sanding, hacking, low pressure hydroscrubbing... or else, by replacing work parts excessively damaged.

- Clean, decontaminate the surface, and brighten the darkened wood with bleach (1 volume of concentrated bleach for 2 volumes of water). Apply with a square brush, let it work for about 15 min and clean with a nylon brush. Rinse and let it dry.

• Coated wood

- Stain in good condition: clean/dust after brushing/sanding if necessary.

- Paint, varnish, wax, scaled stain: remove the coating by dusting, low pressure hydroscrubbing, scraping; brushing; chemical or thermal pickling, dep. on the possibilities.

• Potential complementary preparation

The preparation of the joinery may require the treatment of plagued wood or of wood subjected to a risk contamination by insects or mould with SATIZOL TRAITANT AQUA.

• Stained wood in good condition:

1 to 2 coats dep. on the situation (indoor/outdoor), wearing of the elements, and environment aggressivity. A 2nd coat is required in case of exposure or of partial absorption by the wood of the 1st coat (matt aspect).

In all cases and for an optimal protection of the works, treat up to saturation the joints, very absorbant sections or parts (sapwood), and allow an extra coat on horizontal pieces or with low angle such as bottom rails, sills, high and low edges of the joinery...

• Concrete stain (bare, clean, and sound surfaces):

1 colourless coat to regulate the absorption of the bases + 2 coats of SATIZOL ACRYL to the desired coloured.

Equipment

Flat wide brush with soft hairs, otherwise, medium pile roller and spalter smoothing along the wood grain. Use preferably material specific to acrylic.

Stir the product to facilitate the penetration in the 1st coat. Ginning between coats improves the general finish.

Dilution

Product ready for use.

Up to 5 % water in the 1st coat.

Equipment cleaning

WATER, immediately after use.

Application Conditions

- Ambient and surface temperature above 5°C (caution if T > 35°C).
- Relative humidity below 80 %.
- Dry weather, sheltered from strong wind and direct sunlight.
- Wine storehouses: Suited ventilation during and after application. Do not use in a confined environment. Indirect contact only.

Maintenance

1 to 2 maintenance coats every 6 to 8 years, depending on UV and weathering exposure.

Product Application

Process

Example of outdoor application (variable acc. to the situation, condition and exposure of the work).

• Bare wood:

3 coats in direct application (dilution of the 1st coat with ± 5 % water).

The 1st coat may be replaced with SATIZOL IMPRÉGNATION over wood in bad condition or with SATIZOL OPAQUE, colour SIENNE, to even old darkened woods.

CONSERVATION

- 24 months in original unopened packaging.
- Store away from frost and temperatures above 35°C.

HEALTH, SAFETY, AND ENVIRONMENT

Refer to

- The safety information label on the packaging.
- Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: www.zolpan.fr
- Environmental and Sanitary Declaration Sheet (FDES) « Lasures en phase aqueuse » (Woodstains in aqueous 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 as an indicative value and cannot replace the specific data relating to the type and condition of the surface to be treated.



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