

Matt Finish Ornamental Patina. Varied ornamental effects.

PHASE AQUEUSE



PURPOSE

Matt siloxane acrylic patina to make subtle and varied semi-transparent colourings over all kinds of surfaces for indoor wall decoration.

VELUR enables a tailored decoration while playing with the intensity of the colours and the application technique (wiped, dabbed, rag, clouded/brushed...).

The siloxane modification confers upon the product excellent water-repellent properties (damp rooms) and eases the cleaning of the coatings.

SURFACES

All structures in good condition likely to receive a patina:

- Smooth mineral bases.
- Structured ornamental renderings: TELSTAR MURO, COFADÉCOR, ENDUIT CILD, ...

- Old adhesive paints in good condition. Also suitable as decoration over fibrous plaster, wood joineries, small furniture and decorative objects.

MAIN FEATURES

- Wide use versatility.
- Gives the walls a lustre finish and age patina.
- High water-repellent protection.
- Product ready for use, easy application.
- May be repainted.
- Product free from solvent smell, quick reoccupation of the premises.
- Product in aqueous phase: easy and safe use, environmentally friendly.

IDENTIFICATION CHARACTERISTICS

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

Aspect	Semi-fluid product.
Density	1,02 ± 0,05
Flash point	n/a.
VOC Concentrations	Max. 200 g/l. EU threshold value for this product (A/I cat.): 200 g/l.
Drying Time (20°C, 65 % RH)	Wet-edge time: ca. 10 mins. Dry: 2hrs. Recoatable: 12 hrs. <i>Drying delayed by cold and damp weather.</i>
Coverage	5 to 8 sqm/l per coat over saturated bases, 15 to 20 sqm/l per coat over smooth bases.
Classification	NF T36-005: Family I class 7b2 / 10c. Fire classification: M1 over M0 and M1 surfaces. 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	Specific colour chart within ZOLPACHROM 3 system (TR base).
Packaging	1 L - 5 L

USE

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

Preparation of the bases

Bases must be sound, dry, cohesive and clean before application of the product. The surface must be thoroughly prepared if you wish to achieve a nice finish over smooth bases (finish state A acc. to DTU 59.1). Scrape, brush, pickle to remove chipped, friable, non-cohesive parts, greasy dirt, and generally all products likely to prevent the adherence. Leach/matt old adherent paints. Render if necessary. Partial refill or full rendering if necessary: CILD rendering. Sand, dust.

- **Smooth mineral bases, old matted paints:** unify the bases with white ONDINE.
- **Stabilised bases:** direct application.
- **Structured ornamental renderings:** direct application over the dry coating (drying time: min. 24 hrs).

NB: To ease the patina action over porous structured coatings (TELSTAR MURO, COFADÉCOR...), especially by hot weather and/or over large surfaces, it may be useful to regulate the surface porosity by applying one coat of white ONDINE before the VELUR patina. Final shade different from the 2 coat system. Prior test recommended.

Product Application

When it comes to ornamental effects based on colour, the transparencies, or texture effects, the final result is directly related to the instrument and technique used. Prior tests recommended.

Process

VELUR is ready for use. It can be applied with a soft brush or a spalter. Shading shall be achieved naturally by modulating the movements. It may be reworked with a damp sponge, a soft brush, or a painting glove until obtaining the desired result (wiped, dabbed, clouded/brushed...).

Clean and/or rinse the material regularly.

Over structured surfaces such as TELSTAR MURO or ENDUIT CILD, the quickest technique consists in applying VELUR with an anti-drop roller designed for acrylic and in wiping the fresh coat with a foam

trowel.

1 to 2 coats, depending on the intensity of the colour and the degree of protection aimed for (damp rooms, environments with intensive circulation).

Equipment

Soft brush, spalter, painting glove, natural sponge, soft cloth, shabby-leather.

Roller + foam trowel.

Dilution

Product ready for use.

Equipment Cleaning

WATER, immediately after use.

Practical Advice

- Application conditions:
 - Ambient and surface temperature above 5°C (caution if T > 35°C).
 - Relative humidity < 80 %.
 - Dry and condensation-free surface.
- Proceed with the patina in small irregular surfaces and in staggered rows to create a pattern and avoid visible joints. Shade them off, if necessary, by dabbing the fresh edges with a wet sponge.
- For a good final homogeneity, proceed by delimited unit surfaces and always with the same instrument.
- Allow suited staffing for large surfaces and/or by hot weather.

CONSERVATION

- 12 months in original unopened packaging.
- Store away from frost and heat.

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

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.



Zolpan sas : 17 quai Joseph Gillet - 69316 Lyon cedex 04 - Tél: 04 72 10 70 60 - Fax: 04 72 10 70 73
www.zolpan.fr - SIREN : 972 503 387 - N° RCS : 972 503 387 RCS LYON - CAPITAL SOCIAL : 6 127 440 €

Two-pack polyurethane varnish in aqueous phase. Highly resistant anti-fouling and anti-graffiti protection.

PHASE AQUEUSE



FDES
vérifiée



PURPOSE

Anti-fouling and anti-graffiti protection of permanent type for wall surfaces potentially under frequent strain in façade or indoor decoration works.

Transparent, velvet matt finish.

Once dry, VERNIS SGA displays a smooth hard and closed protection, of easy maintenance and good resistance against graffiti adhesion, atmospheric dirt, biological contamination...

Its formulation in aqueous phase makes it more particularly suitable as:

- protection of painted surfaces (direct application without risk of tempera): refacing, façade waterproofing, ornamental paints and coatings.
- indoor works (no smell, safe use): residential and work premises, circulation and busy work areas, such as industrial kitchens, schools, changing rooms, entrance halls, staircases, car parks...

SURFACES

Usual building bases, bare or coated, in good condition and smooth or lightly structured.

NB: Prior suitability test recommended so as to control the aesthetic result and/or the compatibility of the treatment with the material.

MAIN FEATURES

- Minimal alteration of the materials' aspect.
- Respect of painted, fragile, or solvent sensitive surfaces.
- High durability, easy maintenance.
- Fungistatic protection against mould and algae.
- Mechanical resistance and chemical inertia.
- Limited effects of atmospheric pollution (foundations, window sills).
- Good resistance to UV rays and weathering, non yellowing.
- Resistance to recurrent cleaning.
- Ease of application, good spreading.
- Fast performance of the job (2 fresh-on-fresh coats).
- Product in aqueous phase: easy and safe use, environmentally friendly.

IDENTIFICATION CHARACTERISTICS

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

The characteristics below apply once both components have been mixed. For both products:

Aspect	Two pre-dosed elements to mix when about to use. • A/B ratio: 1/3 in volume and weight. • Practical usable life of the mixture: ca. 2 hours by 20°C. Do not use beyond this time, even if the product viscosity still seems in conformity.
Dry matter	In weight: 50 ± 2 %. In volume: 46 ± 2 %.
Density	1.08 ± 0.05
Flash point	n/a.
VOC Concentrations	Max. 12 g/l. EU threshold value for this product (A/J cat): 140 g/l.
Drying Time (20°C, 65 % RH)	Dry: 30 min. Between coats: about 1 hr when using fresh-on-fresh technique (recoating possible after matting of the 1st coat). Otherwise 24 to 72 hrs. Optimal efficiency ± 3 days. <i>Drying delayed by cold and damp weather.</i>
Coverage	10 to 12 sqm/l per coat over smooth surfaces.
Classification	NF T36-005: Family I class 6a. EN13300: Class 1 in terms of resistance to moist abrasion (washable). Indoor air emissions* : C.
Colours	Colourless. May lightly enhance the colour of the surface, especially on bright colour finishes.
Packaging	Pre-dosed pack A + B = 1 L – 4 L – 10 L. Do not close the container again once the product has been mixed.

* 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 sound, dry, cohesive and clean before application of the product. The cleaning procedure must be adapted to the type of material. It shall enable to remove dirt, salts, deposits of all sorts, efflorescence, etc.

Depending on the cases:

- Dust, brush, HP wash/dry (if necessary, with detergent such as NETTOYANT MULTIUSAGES), etc.
- Remove micro-organisms with FONGIMOUSSE PLUS.
- Remove graffiti through hydro-gumming, chemical cleaning (eraser, paint stripper) or through masking/aspect unification with ZOLPAFIX 100.

Impression

- Porous materials (concrete, render): prior impression with ZOLPAFIX 100 to avoid the "wet" aspect of the material.
- Non (or lightly) porous material, coated surfaces (drying \pm 3 days if freshly painted): direct application.

Product Application

Process

2 coats as a general rule so as to obtain an efficient anti-graffiti protection, thus allowing to take into account the surface roughness, a subsequent cleaning of the tags within time or minor blemishes during the application.

Anti-foulant protection possible in 1 coat over smooth, non porous surfaces.

Preparation of the product, dilution

Incorporate the pre-dosed A part into the B part by slow mixing until obtaining a homogeneous mix (mechanic mixing recommended for large conditioning).

Dilute then with \pm 5 % water. Use the prepared mixture within 2 hours by 20°C.

Equipment

Large brush, medium size roller, spray gun.

Process in regular cross-coats to avoid sagging, overload or missed patches, which could impact on the quality of the protection and uniformity of the finish.

Recoating possible after drying of the 1st coat (\pm 1 hr to 20°C).

If you cannot use the fresh-on-fresh technique, wait 24hrs before recoating (72 hrs maximum).

Equipment Cleaning

WATER, immediately after use.

Practical Advice

- Application conditions:
 - Ambient and surface temperature above 8°C (caution if T > 35°C).
 - Relative humidity < 80 %.
 - Dry and condensation-free surface.
 - Sheltered from strong winds and direct sunlight.
- Respect the recoat time between coats.

CLEANING DIRT - REMOVING GRAFFITI

The shorter the delay for the cleaning process, the easier it will be to remove the graffiti..

- Greasy fouling, disinfection: usual household detergents, D ALCOHOL or specific products (clinical hygiene products in health premises for instance).
- Graffiti, dirt of all kinds: clean with a cloth and NETTOYANT SG12.

CONSERVATION

- 12 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.
- The Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: www.zolpan.fr
- The Environmental and Sanitary Declaration Sheet (FDES) "Vernis en phase aqueuse" on the INTERNET: www.inies.fr

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Two-pack polyurethane varnish in aqueous phase..

PHASE AQUEUSE



PURPOSE

Anti-fouling and anti-graffiti protection of permanent type for wall surfaces potentially under frequent strain in façade or indoor decoration works.

Transparent, matt finish.

Once dry, VERNIS SGA EVOLUTION displays a smooth, hard, and hermetic protection, of easy maintenance and good resistance against graffiti adhesion, atmospheric dirt, biological contamination...

Its formulation in aqueous phase makes it more particularly suitable as:

- protection of painted surfaces (direct application without risk of tempera): refacing, façade waterproofing, ornamental paints and coatings.
- indoor works (no smell, safe use): residential and work premises, circulation and busy work areas, such as industrial kitchens, schools, changing rooms, entrance halls, staircases, car parks...

SURFACES

Usual building bases, bare or coated, in good condition and smooth or lightly structured. Porous surfaces, concrete, brick cement, stone, RPE, RSE, hydraulic renderings and lime.

NB: Prior suitability test recommended so as to control the

aesthetic result and/or the compatibility of the treatment with the material.

MAIN FEATURES

- Minimal alteration of the materials' aspect.
- Respect of painted, fragile, or solvent sensitive surfaces.
- High durability, easy maintenance.
- Fungistatic protection against mould and algae.
- Mechanical resistance and chemical inertia.
- Good resistance to UV rays and weathering, non yellowing.
- Resistance to recurrent cleaning.
- Ease of application, good spreading.
- Unsapnifiable.
- Fast performance of the job (2 fresh-on-fresh coats).
- Microporous: Allows the surface to breathe.
- Enables about 50 graffiti cleaning processes.
- Enables to remove all sorts of graffiti, even the oldest (inks, spray paints, marker, felt...).
- Ideal for indoors as well as outdoors.

IDENTIFICATION CHARACTERISTICS

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

The characteristics below apply once both components have been mixed. For both products:

Aspect	Two pre-dosed elements to mix when about to use. • A/B ratio: 1/4 in volume and weight. • Practical usable life of the mixture: ca. 3 hours by 20°C. Do not use beyond this time, even if the product viscosity still seems in conformity.
Dry matter	In weight: $\pm 2\%$ In volume: $38 \pm 2\%$
Density	1.06 ± 0.03
Flash point	170 °C
VOC Concentrations	Max. 10 g/l. EU threshold value for this product (A/j cat): 140 g/l.
Drying Time (20°C, 65 % RH)	Recoatible: 1 hour. Usable life of the mixture: 3 hrs. Anti-graffiti efficiency developed 72 hours after the last coat (time required for the drying of the film). <i>Drying delayed by cold and damp weather.</i>
Coverage	150 to 250 g/sqm dep. on the surface or coating type and for both coats.
Classification	NF T36-005: Family I class 6a. Indoor air emissions*: C. <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	Colourless. May lightly enhance the colour of the surface, especially on bright colour finishes.
Packaging	Pre-dosed pack A + B = 5 kg. Do not close the container again once the product has been mixed.

USE

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

Preparation of the bases

Bases must be sound, dry, cohesive and clean before application of the product. The cleaning procedure must be adapted to the type of material. It shall enable to remove dirt, salts, deposits of all sorts, efflorescence, etc.

Depending on the cases:

- Dust, brush, HP wash/dry (if necessary, with detergent such as NETTOYANT MULTIUSAGES), etc.
- Remove micro-organisms with FONGIMOUSSE PLUS.
- Removal graffiti through hydro-gumming, chemical cleaning (eraser, paint stripper) or through masking/aspect unification with ZOLPAFIX 100.

Impression

- Porous materials (concrete, render): prior impression with ZOLPAFIX 100 to avoid the "wet" aspect of the material.
- Non (or lightly) porous material, coated surfaces (drying \pm 3 days if freshly painted): direct application.

Product Application

Preparation of the mixture

Pour the entire hardening agent into the resin part. Mix thoroughly with a slow mixer for at least 5 minutes so as to obtain a perfectly homogeneous solution.

Process

Apply in 2 cross-coats with one hour interval. Apply imperatively wet on wet. Stretch thoroughly to avoid the subsequent appearance of whiteness.

Dilution

Incorporate the pre-dosed A part into the B part by slow mixing until obtaining a homogeneous mix (mechanic mixing recommended for large conditioning).

Equipment

Roller.

Equipment Cleaning

WATER, immediately after use.

Practical Advice

1. Protection of the surfaces: Apply VERNIS SGA EVOLUTION only on the surface to be protected.
CAUTION: For aesthetic purposes and in the case of an application of the product over a new surface (freshly repainted or rendered), you must allow for the latter to dry in depth before applying VERNIS SGA EVOLUTION, i.e., about 15 days.
2. Application temperature: from 5° C to + 30° C by dry weather.

CLEANING DIRT - REMOVING GRAFFITI

The shorter the delay for the cleaning process, the easier it will be to remove the graffiti.

- Greasy fouling, disinfection: usual household detergents, D ALCOHOL or specific products (clinical hygiene products in health premises for instance).
- Graffiti, dirt of all kinds: clean with a cloth and NETTOYANT SG12.

CONSERVATION

- Store the product away from frost, weathering, and direct sunlight.

HEALTH, SAFETY, AND ENVIRONMENT

Refer to

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