

## 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.
- Unsaponifiable.
- 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.   |
| Dry matter                     | • 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.  |
| Density                        | In weight: $\pm 2\%$ .   |
|                                | In volume: $38 \pm 2\%$ .  |
| Flash point                    | 170 °C   |
| VOC Concentrations             | Max. 10 g/l. EU threshold value for this product (A/j cat): 140 g/l.   |
| Drying Time<br>(20°C, 65 % RH) | Recoatible: 1 hour.  |
|                                | Usable life of the mixture: 3 hrs.   |
| Coverage                       | 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>  |
| Classification                 | NF T36-005: Family I class 6a.   |
|                                | Indoor air emissions*: C.  |
| Colours                        | * 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). |
|                                | Colourless.  |
| Packaging                      | May lightly enhance the colour of the surface, especially on bright colour finishes.   |
|                                | 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

- The safety information label on the packaging.
- The Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: [www.zolpan.fr](http://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 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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