



Reversible anti graffiti protection in aqueous phase
Specific for porous mineral materials (stone, rendering, brick, etc.)
Colourless, full respect of the material's initial aspect
Waterproofing effect, anti-foulant and anti-poster
Allows the surface to breathe

PURPOSE Reversible anti graffiti protection, fluorocopolymer based in aqueous emulsion for porous mineral building materials

PROTECTION SG is applied over material subjected to preliminary treatment through impregnation of water and oil repellent ZOLPAN 420. The system thus constituted creates a superficial tension which repels graffiti and dirt, thus forming a reversible, lasting and efficient protection, while fully respecting the material's initial aspect.

PROTECTION SG also provides a strong waterproofing, anti-foulant, and anti-adherent effect which helps fighting efficiently against acid rain, the effects of urban pollution and wild posting.

Given the reversibility of the treatment, PROTECTION SG is more specifically designed for listed stone façades, historical monuments and buildings, as well as urban cultural centres.

It will also display excellent results as protection for modern building façades, public spaces (schools, stations, stadiums, town halls), art works, urban furniture and varied masonry elements (parapet walls, supports, cornices), noise barriers, etc.

SURFACES Porous mineral building materials, such as:

- * Limestone, silica stones, freestone
- * Concrete and mineral renderings with a cement base, lime or plaster
- * Terracotta masonry, bricks
- * Mineral paints (lime, silicate)
- * Rough unprocessed wood (direct application without preliminary impregnation of ZOLPAN 420)

Treatment not suitable for painted surfaces (except mineral paints)
 Not recoatable with paints except specific preparation

MAIN FEATURES

- * Threefold protection of the treated surfaces:
 - . Waterproof (barrier against water streaming, frost effects, etc.)
 - . Oil-repellent (self cleaning surfaces, fungistatic protection)
 - . Anti graffiti (efficient against any type of tagging)
- * Microporous, allows the surface to breathe
- * Invisible protection without optical alteration of the surface
- * Good resistance to UV rays and weathering, non yellowing
- * Fast execution of the job (one-coat application)
- * Simplified cleaning of the graffiti (high pressure hot water, rechoating possible over wet surfaces)
- * Limits the adherence of posters and stickers
- * Reversible treatment, can be removed if needed
- * Product ready for use, ease of application
- * Product in aqueous phase: easy and safe use, environmentally friendly

IDENTIFICATION CHARACTERISTICS **In accordance with official standards or, if none applicable, with internal standards**

Aspect White milky liquid

Density 0.96 ± 0.05

Flash point n/a

VOC concentrations Max. 2 g/l. EU threshold value for this product (A/i cat): 140 g/l

Dry time (20°C, 65 % RH) Impervious to dust: 30 mins - dry: 2 hrs
 Optimal efficiency ± 1 week
Drying delayed by cold and damp weather

Coverage 10 to 15 sqm/l over smooth bases subjected to preliminary treatment with ZOLPAN 420

Classification NF T36-005: Family 1 class 7b2/10f

USE	Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards).
BASE PREPARATION	Bases must be sound, clean and consistent with the product application. They may be moist but air dried (matt aspect of the surface)
PRODUCT APPLICATION	
Process	PROTECTION SG must be applied as a thin and regular veil over a surface subjected to preliminary treatment through impregnation of water and oil repellent ZOLPAN 420 (drying time 12 hrs minimum). Check the specific technical data sheet. Once dry, it builds a protection against the diffusion of the graffiti within the material. This protection is removed with the graffiti during the cleaning process (see specific chapter). It must be reconstituted after every cleaning. This product recoating does not apply to the ZOLPAN 420 waterproof impregnation.
Equipment	Brush, roller, airless sprayer (10 to 12 mil straight nozzle). Apply from top to bottom and as a thin veil to avoid a film-formation likely to be visible after drying. If needed, smooth or uniformise with a dry brush. Prefer the mechanised procedure so as to correctly adjust the quantity of applied product and to protected the surfaces better (material + joints).
Dilution	Product ready for use. Shake before 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 below < 80 %. . Sheltered from strong wind and direct sunlight. * The potential application of paint over the treated surfaces requires the preliminary removal of PROTECTION SG through HP washing (hot water).

CLEANING DIRT REMOVING GRAFFITI	The shorter the delay for the cleaning process, the easier it will be to remove the graffiti. Remove PROTECTION SG and the graffiti through HP washing with hot water (\pm 80°/60 to 80 bars). Adapt the pressure to the type of material. Tackle the dirty surface sideways and proceed through wide back and fro movements. If this technique cannot be used, remove PROTECTION SG using a cloth with NETTOYANT SG 12 and rinse with a damp sponge (indoors, over materials sensitive to HP washing or for small surfaces for instance). In any case, reconstitute the protection of the area just cleaned by applying a new coat of PROTECTION SG. Application over moist but dried again surface possible.
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COLOURS	Opalescent white. Colourless after drying. The degree of perception of the treatment depends on the nature of the material.
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PACKAGING	1 L - 5 L - 20 L
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CONSERVATION	24 months in unopened original packaging Store away from frost and temperatures above 35°C
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HEALTH AND SAFETY	Refer to: * The safety information label on the packaging * Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: www.zolpan.fr
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Technical Data Sheet n° 2288

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NB: Cancels and supersedes previous editions. It is our customers' responsibility to check that they have, the latest version 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.

