



**Colourless oil and water-repellent impregnation  
in aqueous phase of porous mineral materials  
(stone, concrete, terracotta, etc.)  
Non film-forming, long lasting and invisible protection  
Fungistatic, water-repellent, microporous  
Anti-poster, anti-graffiti (with PROTECTION SG)  
Preserves the materials natural initial aspect  
Contributes to the self-washability of the work**

**PURPOSE** Impregnation of mineral building materials aimed at protecting facades and works of all kinds against the running of rainwater (water-repellent effect), and at limiting the deposit of dirt and greasy atmospheric pollution (oil-repellent effect). Based on a cationic organofluorinated resin in aqueous solution, ZOLPAN 420 impregnates the material in-depth to form a non film-forming, long lasting and invisible protection, so as to prolong the buildings' aesthetic aspect and to ease their maintenance.

ZOLPAN 420 is more particularly suited to the preservation of old constructions in city centres, classified heritage, as well as historical and cultural monuments whose material's natural mineral aspect is to be preserved.

It will also display excellent results as protection for modern building façades, art works, urban furniture, masonry elements of all kinds (parapet walls, supports, cornices), anti-noise barriers, garden accessories (pots, plant tubs, jardinières)

ZOLPAN 420 can be covered with PROTECTION SG (colourless anti-graffiti protection in aqueous phase) to achieve an efficient anti-graffiti and anti-poster protection while fully respecting the material's natural aspect. Check the specific technical data sheet.

**SURFACES** Porous mineral building materials, such as stone, architectural concrete, bricks  
Mineral paints and coatings (lime, silicates).  
NB: Not suitable for non absorbent materials and organic paints

- MAIN FEATURES**
- \* Fungistatic, water-repellent, microporous
  - \* Non film-forming, long lasting and invisible protection
  - \* Limits materials' deterioration under the effects of time, frost and acid rain: erosion, chipping or cracking, concrete carbonation, efflorescence, etc.
  - \* Delays significantly surface fouling in polluted zones (self-washability)
  - \* Preserves the material's original aspect and eases the maintenance of façades
  - \* Fast execution of the job (one-coat, suited to moist surfaces, ready for use)
  - \* Recoatable with paint (if necessary)
  - \* Product in aqueous phase: easy and safe use, environmentally friendly

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| <b>IDENTIFICATION CHARACTERISTICS</b> | <b>In accordance with official standards or, if none applicable, with internal standards</b>   |
| <b>Aspect</b>                         | Colourless liquid  |
| <b>Density</b>                        | 0.99 ± 0.05  |
| <b>Flash point</b>                    | n/a  |
| <b>Dry time</b>                       | Dry: 4 hours. Recoatable with PROTECTION SG: minimum 12 hours  |
| <b>(20°C, 65 % RH)</b>                | <i>Drying delayed by cold and damp weather</i>   |
| <b>Coverage</b>                       | Very variable depending on material's nature, structure and porosity. A few average values:<br>* Lime stone, freestone: 1 to 2 sqm/l; concrete or cement rendering: ±5 sqm/l<br>* Terracotta: ± 7 sqm/l; marble, sandstone, granite: 15 to 20 sqm/l<br>We recommend a preliminary test to define the optimal quantity to be used |
| <b>Classification</b>                 | <b>NF T36-005.</b> Family I class 7b2/10f<br><b>XP T34-722:</b> Class D1<br><b>EN 1062-1:</b> E1 V1 W3 A0  |

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| <b>USE</b>                    | <b>Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU.</b>   |
| <b>BASE PREPARATION</b>       | <p><b>Bases must be sound, dry, clean and consistent with the product application. They may be moist but air dried (matt aspect of the surface) Constitutive materials must be porous and free from old paints. The cleaning procedure must be adapted to the type of material. It shall enable to remove dirt, salts, deposits of all sorts, efflorescence, etc.</b></p> <p>Depending on the cases:</p> <ul style="list-style-type: none"> <li>* Dusting, scraping, brushing with a metallic brush, HP water washing/drying (with an alkaline detergent such as NETTOYANT MULTIUSAGES, if necessary)</li> <li>* Removal of microorganisms with FONGIMOUSSE PLUS</li> <li>* Removal of graffiti through hydrogumming (caution over soft stone facing)</li> <li>* Removal and reworking of joints in bad condition or made of plaster-based mortar Reworking with lime mortar over a minimum 15 mm depth (DTU 20.1 - French standards)</li> <li>* Restoration of deteriorated surfaces.</li> </ul> |
| <b>PRODUCT APPLICATION</b>    |   |
| <b>Process</b>                | Treat in successive passes up to material saturation to optimise the impregnation depth   |
| <b>Equipment</b>              | Brush, roller, airless sprayer (10 to 12 ‰ straight nozzle).<br>Prefer the mechanised application so as to correctly adjust the quantity of applied product and to cover optimally the surface and joint capillaries.<br>Reserve the manual application to indoor surfaces or difficult to access.<br>Correct potential sagging.  |
| <b>Dilution</b>               | Product ready for use. Shake before use   |
| <b>Equipment cleaning</b>     | WATER, immediately after use  |
| <b>Application conditions</b> | <ul style="list-style-type: none"> <li>* Ambient and surface temperature above 5°C (caution if T &gt; 35°C)</li> <li>* Relative humidity below &lt; 80%</li> <li>* Sheltered from wind and direct sunlight</li> </ul>   |
| <b>MAINTENANCE</b>            | In the context of a maintenance operation, the treatment may be reactivated with a new application of the product over the clean surface  |
| <b>COLOURS</b>                | Colourless<br>The perception degree of the treatment depends on the material nature (darker aspect of the plaster for example) and potential humidity.  |
| <b>PACKAGING</b>              | 1 L - 5 L - 20 L  |
| <b>CONSERVATION</b>           | 24 months in unopened original packaging<br>Store away from frost and temperatures above 35°C   |
| <b>HEALTH AND SAFETY</b>      | Refer to:<br>* The safety information label on the packaging<br>* Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: <a href="http://www.zolpan.fr">www.zolpan.fr</a>  |

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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.*