



**Water-repellent solvent phase impregnation**  
**Protection for façades, roofs and works of all kinds**  
**Colourless, non film-forming, long lasting protection**  
**Preserves the natural aspect of materials**  
**Allows the surface to breathe**  
**Contributes to the work self-washability**

**PURPOSE** Colourless water-repellent impregnation for porous (or cracked) mineral materials whose original aspect and colour is to be preserved.  
Based on a mineral complex in WHITE SPIRIT, ZOLPAN 410 impregnates in-depth and lines the material's capillaries to form a non film-forming, long lasting and invisible protection, while allowing the surface to breathe.

**SURFACES** Porous mineral building materials, such as stone, bricks, architectural concrete, tiles, etc.  
NB:  
. Treatment not suitable for non absorbent materials and painted surfaces  
. Do not use over free stone façades jointed with plaster mortar  
. Suitability test recommended so as to control the aesthetic result and/or the product consumption.

**MAIN FEATURES**

- \* Guarantees the waterproofness of porous materials
- \* In-depth penetration of the surface
- \* Allows the surface to breathe and contributes to its self-washability
- \* Reduces significantly the damages due to frost
- \* Limits the development of mould and algae
- \* Good efficiency over time
- \* Silicone-free

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

<b>Aspect</b>	Colourless liquid
<b>Dry matter</b>	* in weight: $7 \pm 2 \%$ * in volume: $11 \pm 2 \%$
<b>Density</b>	$0.78 \pm 0.05$
<b>Flash point</b>	$> 38^{\circ}\text{C}$
<b>Dry time</b> ( $20^{\circ}\text{C}$ , 65 % RH)	2 to 4 hours, depending on the applied quantity <i>Drying delayed by cold and damp weather</i>
<b>Coverage</b>	1 to 4 sqm/l per complete treatment, depending on the material nature, structure and porosity We recommend a preliminary test to define the optimal quantity to be used
<b>Classification</b>	<b>NF T36-005:</b> Family I class 10 i <b>XP T34-722:</b> Class D1 <b>EN 1062-1:</b> E1 V1 W3 A0

<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, cohesive and consistent with the product application</b>  <b>Constitutive materials must be porous and free from old paints</b>  <b>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>* Scraping, brushing with a metallic brush and dusting</li> <li>* HP washing, drying if brushing is insufficient</li> <li>  Addition of NETTOYANT MULTIUSAGES alkaline detergent, 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 of the joints in bad condition and of all joints and/or re-works made of plaster-based mortar. Reworking with lime mortar over minimum 15 mm depth (DTU 20.1 – French standards)</li> </ul>
<b>PRODUCT APPLICATION</b>	
<b>Process</b>	<p>The quality of the treatment lies in the saturation of the surface and in its impregnation depth</p> <p>ZOLPAN 410 must be applied according to the base porosity in 1 or 2 impregnations up to saturation, whilst avoiding sagging (risk of moiré aspect)</p> <p>The second impregnation can be executed, using preferably the wet-on-wet technique or after 24 hour drying of the first coat</p>
<b>Equipment</b>	<p>We advise against an application by brush or roller because it does not enable to achieve a regular impregnation of the material</p> <p>It shall be reserved to small surfaces or difficult to access</p> <p>Low pressure spray guns or manual sprayers (VERMOREL type) are recommended. They prevent a premature vaporisation of the solvent which would disrupt the penetration of the water-repellent in the surface</p>
<b>Dilution</b>	Product ready for use
<b>Equipment cleaning</b>	WHITE SPIRIT, immediately after use
<b>Practical advice</b>	<p>* Application conditions:</p> <ul style="list-style-type: none"> <li>. Ambient and surface temperature above 5°C (caution if <math>T &gt; 35^{\circ}\text{C}</math>)</li> <li>. Dry weather, sheltered from strong winds and direct sunlight</li> <li>. Dry and condensation-free surface</li> </ul> <p>* Protect plants, bituminous products and all non porous materials (glass, metal, plastic)</p>
<b>PACKAGING</b>	5 L - 16 L
<b>CONSERVATION</b>	<p>24 months in unopened original packaging</p> <p>Store in a cool and ventilated room</p> <p>Use rapidly any opened recipient</p>
<b>HEALTH AND SAFETY</b>	<p>Refer to:</p> <ul style="list-style-type: none"> <li>* The safety information label on the packaging</li> <li>* Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: <a href="http://www.zolpan.fr">www.zolpan.fr</a></li> </ul>

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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.*