



Two-pack epoxy primer in solvent phase Excellent adherence even under difficult conditions Consolidation of unsound bases, Vapour barrier effect Recoat within the day

PURPOSE Adhesion primer for concrete and derived products before epoxy or polyurethane finish. Thanks to its low viscosity and good penetration power, PRIMAIRE SOL BÉTON can regularise the porosity of porous concrete and work as vapour barrier over moist concrete.

Also suitable over metals and mineral surfaces except for tiles or similar materials. characteristics. These 2 versions only differ in their drying and hardening characteristics PRIMAIRE SOL BÉTON standard drying version (± 8 hrs) allowing a large recoating time span (12 to 72 hrs).

Particularly well suited to important sites where recoating times are not a major criterion This product may vary in shade (colourless to yellowing) depending on its exposure to UV rays. Application in one or two coats depending on surface's porosity and stress of use. A preliminary test will help evaluating the desired finish aspect.

SURFACES Surfaced concrete, cement cappings or slabs, smoothing coatings
Metal accessories (free from powdery oxidation or as plates)
Asbestos-cement and fibre-cement boards
Wooden boards, floorboards
Plasters and derived products (plasterboards, renderings, waterproof or non waterproof tiles)
Old adhesive polyurethane or epoxy paints in good condition

MAIN FEATURES

- * In-depth penetration and consolidation of eroded or porous areas
- * Low steam permeability (vapour barrier effect over moist surfaces)
- * Eases the application and improves the finishes
- * Very good bond with finishing products
- * Anti-corrosion protection of metal surfaces
- * Rapid insensitivity to rain
- * Ease of use

IDENTIFICATION CHARACTERISTICS In accordance with official standards or, if none applicable, with internal standards
The indicated characteristics apply after mixture of both components
For both products:

Aspect In two pre-dosed unpigmented elements to mix when about to use
Ratio A/B: 50/50 in volume and weight
Practical usable life of the mixture by 20°C: 8 hrs
Time reduced by higher temperature or with greater mixed quantity

Dry matter 48 \pm 2 %

Density 0.95 \pm 0.05

Flash point Below 21°C

VOC concentrations Max. 500 g/l EU threshold value for this product (A/j cat.): 500 g/l

Dry time Sheltered from the rain / dry: 2 hrs / 8 hrs

(20°C, 65 % RH) Recoatable: 12 to 72 hrs

*: beyond this time, ginning / dusting and new impression

Significant disturbance of the drying process and performances if T (ambient + surface) < 10°C

Coverage 5 to 6 sqm/l depending on bases' porosity

Up to 10 sqm/l over blocked surfaces

Classification NF T36-005: Family I class 6b

USE	Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards).
BASE PREPARATION	<p>Bases must be sound, cohesive and clean before application of the product They may be humid but not wet (matt aspect of the surface, prior wiping if necessary). They are not subjected to hydrostatic counter-pressure</p> <p>Surface's roughness potentially harmful for the coating's regularity must be eliminated The bases' preparation must be adapted to the type and condition of the surface in order to remove all chipped, friable or non-cohesive parts, and any product incompatible with the subsequent treatment. Over concrete:</p> <ul style="list-style-type: none"> * Sweeping, brushing, sanding, scraping, removal of microorganisms with FONGIMOUSSE PLUS, chemical pickling with DÉTERGENT DÉROCHANT or diluted acid if presence of laitance or new additivated or polished concrete. Neutral rinsing. * Reshaping of the surface, depending on the degree of deterioration: <ul style="list-style-type: none"> . thin cappings and slope shapes: adapted hydraulic mortar (drying 1 week) or SOL 300 epoxy mortar (drying 24 hrs) . surface-filling, debubbling: THIXOREV over imprinted surface . smoothing and local repair works (thickness < 5 mm): resin mortar such as SOL BÉTON (1 measure of PRIMAIRE SOL BÉTON + 4 to 5 measures in weight of HN 31 type silica). Trowel or float trowel application over areas to be repaired wet with fresh primer, stretched for a few minutes. Compacting and smoothing. Drying min. 24 hrs.
PRODUCT APPLICATION	
Process	<p>1 coat applied without stretching to obtain a uniform glossy film Recoat if necessary over very porous surfaces (in case of matt areas after application of the 1st coat)</p>
Product preparation	<p>Incorporate the pre-dosed A part in the B part by slow mixing until obtaining a homogenous mix (mixer essential for large conditioning, particular attention to be given to tin's sides and bottom for a good homogenisation) Product ready-for-use after mixing the two components Respect the usable life of the prepared mixture.</p>
Equipment	Brush, medium size roller
Equipment cleaning	Use preferably disposable equipment. Otherwise, DILUANT R or REX, immediately after use
Practical advice	<p>* Application conditions:</p> <ul style="list-style-type: none"> . Ambient and surface temperature above 10°C (caution if T > 35°C) . Relative humidity below 80 % . Dry and condensation-free surface (surface temp. > by min. 3°C to the dew point) <p>* Respect the recoat time between layers</p>
COLOURS	Colourless
PACKAGING	Pre-dosed pack A + B: PRIMAIRE SOL BÉTON: (1 L) - 4 L - 10 L
CONSERVATION	<p>12 months in unopened original packaging Store in a cool and ventilated room Do not close the container again once the product has been mixed</p>
HEALTH AND SAFETY	<p>Refer to:</p> <ul style="list-style-type: none"> * 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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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.