



AT CSTB  
13/09-1051

**System of under tile protection against water (SPEC)**  
**Humid areas, balconies / mezzanines**  
**High build, flexibility, adherence**  
**Aqueous phase, ideal for indoor works**

**PURPOSE**

- \* Under tile protection against water for floors and walls in humid areas for private or collective use such as bathrooms, showers, launderettes, toilets, industrial kitchens in hotels, hospitals, schools, sports rooms, food industry, etc.
- \* Under tile protection against water for floors in the buildings' open areas: balconies, mezzanines, passageways, stairs, etc

Protects against the consequences of water streaming in slab soffits: efflorescence, rust running, paint chipping, staining, etc

NB: Laying on indoor floors limited to E2 P3 classified areas, without siphon, nor expansion joints.

**SURFACES**

- \* Walls and indoor floors:  
Concrete, cement based render  
Anhydrite capping, dry capping, light capping  
Plasters and derived materials: plasterboards, tiles, render (shore hardness > 60)  
Terracotta tile walls  
Aerated concrete blocks and boards  
Lining floors with CTBH or CTBX boards (prior study)  
Old covers adherent to the surface: tiles, semi flexible vinyl tiles  
Old adhesive paints in good condition
- \* Balcony floors, mezzanines, passageways:  
Concrete tiles  
Cement coverings and slope moulds adherent to the carrying element

**MAIN FEATURES**

- \* Protection of water sensitive surfaces (humid areas)
- \* Protection against water streaming in slab soffits (balconies)
- \* Flexibility, adherence, high build
- \* Good refractory life over vertical surfaces
- \* Job done within the day, minimal disturbance of the areas
- \* Excellent adhesion surface for the tiling
- \* One-pack, ready for use product
- \* Easy and rapid use
- \* 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	Soft ready-to-use paste
Dry matter	65 ± 1%
Density	1.35 ± 0.05
Flash point	n/a
VOC concentrations	Max. 17 g/l. EU threshold value for this product (A/i cat): 140 g/l
Dry time (20°C, 65 % RH)	Dry: 2 hours. Recoatable: 4 hours Tiling: 12 hours minimum <i>Drying delayed by cold and damp weather</i>
Consumption	Minimum 400 g/sqm per coat
Classification	NF T36-005: Family 1 class 7b2 Avis technique CSTB n° 13/09-1051

**USE** Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards). In any case and for further details, refer to the THIXACRYL technical data sheet (walls and floors in humid areas).

**BASE PREPARATION** Bases must be sound, dry, cohesive and consistent with the product application. They must not be subjected to rises of capillary humidity  
Surface's roughness potentially harmful for the coating's regularity must be eliminated. The 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 (laitance, form oil, old coating with poor adherence, etc.).  
\* Localised touch-ups: P3 smoothing rendering or bonding mortar.  
\* Levelling / slope moulds: hydraulic mortar (drying: 1 week) or resin mortar of the MORTIER SOL 300 type (drying: 24 hours)  
\* Old paint: sand, dust. Pickle if necessary.  
\* Old tiles: degrease, unpolish/sand. Remove and resurface if necessary.

**Impression des fonds** \* Absorbent materials (plasters and derived materials, terracotta, wood, etc.): REVLITH (6 to 8 sqm/l)  
\* Old tiles: PRIMAIRE SOL 100 ( $\pm$  10 sqm/l)  
\* Sanded / unpolished paints, vinyl tiles: direct application

**Traitement des** \* Concrete and smoothing: direct application, dilution with  $\pm$  10% water in the first coat  
\* Reinforce the angles, jointing areas, board joints, cracks, bottom walls, etc. with an ARMATURE ZF strip bonded to the THIXACRYL.  
\* Treatment of system overlaps in case of combined use of THIXÉTANCHE 2100 over THIXACRYL in the same area (in turn ups for example):  
. THIXÉTANCHE 2100 over THIXACRYL: direct application.  
. THIXACRYL over THIXÉTANCHE 2100: PRIMAIRE SOL 100

## PRODUCT APPLICATION

### Process

THIXACRYL is applied at the rate of 2 x 400 g/sqm minimum over smooth surface. Process by regular cross passes and even without stretching so as to avoid local insufficiency of the protection.

### Equipment

Long pile roller, brush

### Dilution

Product ready for use. About 10 % water in the first coat over concrete and renders

### Equipment cleaning

WATER, immediately after use

### Practical advice

\* Application conditions:

- . Ambient and surface temperature above 5°C (caution if  $T > 35^{\circ}\text{C}$ )
- . Relative humidity below 80%
- . Dry and condensation-free surface
- . Sheltered from wind and direct sunlight

\* Heating floor stopped 2 days before and after execution of the works

\* Do not circulate on the coating before tiling the floor

## POSE DU CARRELAGE

With one of the glues associated with the system (drying of THIXACRYL 12 hrs minimum)  
Bonding mortar C2 class (floors and walls): such as PERICOL FLEX or FLEX PRO from BASF. Check the specific technical data sheet. Drying 24 hrs minimum before allowing light circulation.

Jointing of the tiles with waterproof cement mortar or epoxy mortar in case of imposed hygiene constraints (kitchens, food industry) or high stress (workshops, acidproof floors, etc.). Proceed to peripheral sealing, junctions and joints with ZOLMASTIC PU or ZOLMASTIC SILICONE.

## COLOURS

Green

## PACKAGING

5 kg - 20 kg

## CONSERVATION

24 months in unopened original packaging  
Store away from frost and temperatures above 35°C

## 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](http://www.zolpan.fr)

Technical Data Sheet n° 5128

Issue date: January 2006

Last modified: June 2012

*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.*

