



In accordance with professional standards
LWS balconies & intermediate floors

Coating for horizontal waterproofing Walkable for pedestrians and light vehicles One-pack polyurethane elastomer based Satin finish

PURPOSE REVÉTANCHE 3000 is a walkable LIQUID WATERPROOFING SYSTEM (LWS) aimed at establishing or restoring the waterproofness of new or old works directly accessible to pedestrian or automobile traffic, for indoor or outdoor use
Suitable for application as undercoat (sous-couche) + finish (finition) system over imprinted surfaces
The different systems proposed enable the exact adaptation of the treatment to the degree of loading and stress that the work is subjected to (slope < 5 %):
* balconies, mezzanines, terraces, passageways, footbridges, platforms, stairs, car parks
* intermediate floors for domestic, public or technical use, such as laboratories, sanitary units, kitchens, food-processing units
* work elements related to façades (cornices, canopies, string courses, parapet covers)
Its one-pack polyurethane elastomer based formulation enables the in situ making of a thin, flexible, resistant, waterproof coating, perfectly adherent to the surface and directly walkable
REVÉTANCHE 3000 provides an attractive economic alternative to traditional waterproofing systems by associating ease of application with ease of adaptation to any surface and singular point, technical performances, aesthetic qualities and a wide range of colours

SURFACES Surfaced concrete, cement cappings or slabs
Tiles, glass paving blocks
Approved construction boards (wood and derived products, fibre cement, wood-cement composites, etc)
Ferrous and non ferrous metals
Plasters and derived products, waterproof or not (in turn ups)
Multicoat, bituminous, resin (specific survey)

MAIN FEATURES
* One-pack ready-to-use products
* Ornamental, wide range of colours and finishes (anti-slip, marble finish)
* Easy and rapid application
* Suitable to complex surfaces or difficult to access
* Waterproof works without overload or excessive thickness
* Continuous seamless or jointless protection
* High mechanic features: flexibility, wear, tearing
* Fungistatic quality
* Excellent refractory life (UV, atmospheric attacks, thermal shocks, frost)
* Easy maintenance

IDENTIFICATION In accordance with official standards or, if none applicable, with internal standards
CHARACTERISTICS For both products:
Aspect Semi-fluid paste
Dry matter * in weight: 70 ± 2 %
* in volume: 66 ± 2 %
Density 1.13 ± 0.05
Flash point Below 21°C
VOC concentrations Max. 400 g/l. EU threshold value for this product (cat.A/i): 500 g/l
Dry time (20°C, 65 % RH) Sheltered from rain: ± 2 hours - Dry: ca. 4 hours
Between coats: minimum 24 hrs / maximum 72 hrs. Beyond this time, revive the surface with DILUANT R and apply a new coat of primer
Walkable for pedestrians: 2 days / Heavy loads, vehicles: 1 week
Ambient humidity accelerates the drying process
Coverage 1.5 to 2.0 smq/l per coat over smooth surface for each product, depending on the system (600 to 750 g/smq/coat)
Classification NF T36-005: Family I class 6a
LWS regulations: Classes SE1-SE2-SE4 (balconies) and SP2 (intermediate floorings)

USE Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards).
In all these cases and for further details, refer to the technical data sheet REVÉTANCHE 3000

BASE PREPARATION Bases must be sound, dry, cohesive and consistent with the product application. They must be free from old paint or coating (except if favourable prior study)
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

For further details, refer to the Technical File of the selected primer:

* PRIMAIRE SOL 300 (solvent free epoxy): concrete, traces of old bituminous coatings

* PRIMAIRE SOL 200 (modified, solvent epoxy): all bare surfaces (porous or blocked)

* PRIMAIRE SOL BÉTON (solvent epoxy): concrete and derived products

* PRIMAIRE SOL 100 (aqueous phase epoxy): sound surfaces, traces of old bituminous coatings. Recommended for indoor works (light smell)

Punctual treatment * Cracks, angles, joints, turn ups and all particular points in general must be reinforced with an ULTRATEX armouring strip bonded with the THIXOREV before complete treatment

* If necessary, the coating can be reinforced over its full surface (extended cracking)

PRODUCT APPLICATION

Process

As undercoat (sous-couche) + finish (finition) system suited to the application (refer to the technical file):

* SE1, SE2 et SP2: sous-couche (1 x 750 g/sqm) + Finition (1 x 750 g/sqm). Thickn. \geq 0.8 mm

* SE4: sous-couche (2 x 600 g/sqm) + Finition (1 x 600 g/sqm). Thickn. \geq 1.0 mm

Process by regular cross-coat to avoid local insufficiency of the protection

Optional finishes

* Surface course (car park access ramps or turns) or anti-slip course (staircases, pavements, humid areas, etc.): apply one extra coat of FINITION diluted by \pm 5 % DILUANT R and added with Silica HN 31 (2 % for anti-slip course, 10 % for surface course) Homogenize and carefully roll by cross movements in order to properly spread the silicas (\pm 300 g/sqm)

* Glitter multicolour finish (pedestrian use only):

. saturation glitter, marble finish: see SUNREV (glitter inbetween 2 coats of SUNCOAT)

. scattered glitter: apply one coat of SUNCOAT diluted by \pm 10 % DILUANT R and added by ca. 10 % glitter or by sprinkling the glitter directly in the last coat REVÉTANCHE 3000 FINITION (domestic pedestrian use in this Dryond case)

Equipment

Brush, medium size roller, spray gun

Dilution

Ready-to-use products for manual application

Up to 5 % of DILUANT R or REX in mechanical application

Equipment cleaning

Use preferably disposable equipment. Otherwise, DILUANT R or REX, immediately after use

Practical advice

* Application conditions:

. Ambient and surface temperature above 5°C (caution if T > 35°C)

. Relative humidity below 90 %

. Sheltered from wind and direct sunlight

. Dry and condensation-free surface

* Respect the recoat time between layers

COLOURS

* Sous couche: light grey

* Finition: REVÉTANCHE 3000 colour chart (custom-specific colours, minimum 32 L)
SUNREV colour chart in Glitter Pattern system

PACKAGING

4 L - 16 L for both products

CONSERVATION

6 months in unopened original packaging

Store in a dry, cool and ventilated room

Use rapidly the opened packs

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

Technical Data Sheet n° 5131

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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 replace the specific data relating to the type and condition of the surface to be treated.

