

**REVCOAT**

**Flexible acrylic coating for roofs**  
**Protection or waterproofing, depending on purpose**  
**High build, UV ray and weathering resistant**  
**Comfort and safety of use**  
**Fungistatic quality**  
**Velvet finish**

**PURPOSE** Flexible acrylic coating for sloped roofs. Velvet finish.  
 Can be used, depending on the cases, as Liquid Waterproofing System (LWS) or as efficient and long lasting protection coating against the effects of atmospheric pollution:  
 \* inclined or sloped slabs, vaults, shell-type roofs, cupolas, domes, etc  
 \* dry element covers: fibre cement corrugated sheets, galvanised steel corrugated or ribbed sheets, figured metal foils, artificial slate.  
 \* salient parts of complex shape or difficult to access: flashings, chimney stacks, etc  
 \* anti UV and weathering in situ protection of rigid polyurethane foams over sloped roofs (no water retention)  
 REVCOAT has been subjected to specific tests which show its capacity to fix asbestos fibres to the surface in case of paint application over hard asbestos cement materials.  
 It thus represents an excellent alternative solution to the removal of the concerned elements (Asbestos fibre encapsulation process tested and approved by the Laboratoire CoRI)  
 NOTA: The works must display a sufficient slope to ensure the free running of rainwater and suitable water evacuation possibilities. Otherwise, use the one-pack polyurethane ULTRACOAT system (and in mountain or tropical climate), for industrial aggressive atmosphere or in case of risks of pot-holes likely to generate water retention.

**SURFACES** Reinforced or pre-painted concrete  
 Asbestos cement and fibre cement boards, artificial slate (good condition, non defibrated)  
 Ferrous and non ferrous metals  
 Approved construction boards (wood and derived products, fibre cement, wood-cement composites, etc)  
 Bituminous shakes, slate roofing, shingles (preliminary study)  
 Old paints in good condition  
 Rigid plastic accessories  
 Rigid polyurethane foams with more than 95% closed cells and minimum 55 kg/m<sup>3</sup> density (preliminary study)

**MAIN FEATURES**

- \* One-pack ready-for-use product, wide use versatility
- \* Excellent resistance to flowing and sagging in mechanised application with strong thickness
- \* High and long lasting flexibility
- \* Resistance to the development of mircoorganisms
- \* Wide use versatility
- \* Encapsulation process of asbestos fibres
- \* Easy and rapid use, even over complex surfaces
- \* Continuous protection of the works, without overload or overthickness
- \* Wide choice of colours
- \* Good resistance to UV rays and atmospheric aggressions
- \* 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** Semi-fluid paste

**Dry matter** \* in weight: 71 ± 2 %  
 \* in volume: 56 ± 2 %

**Density** 1.55 ± 0.05 depending on colours

**Flash point** n/a

**VOC concentrations** Max. 2 g/l. EU threshold value for this product (cat.A/i): 140 g/l

**Dry time (20°C, 65 % RH)** Dry: 4 hours - Between coats: 24 hours  
 Drying delayed by cold and damp weather

**Consumption** 0.5 to 1 kg/sqm per coat over flat surface, depending of purpose (protection or waterproofness)  
 Depending on surface porosity and roughness, and of product waste during the application  
*To be increased according to the structure and extension of the surfaces (up to 1.4 over corrugated surfaces)*

**Classification** **NF T36-005: Family I class 7 b2**

**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 specific REVCOAT technical file

**BASE PREPARATION** Bases must be sound, dry, cohesive and consistent with the product application  
Surface's roughness likely to damage 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 Date Sheet of the selected primer:  
\* Concrete, asbestos cement and fibre cement (non-defibrated surfaces): REVPRIM (4 to 6 sqm/l)  
\* Metals: FERCOAT (ca. 3.5 sqm/l, i.e.  $\pm$  400 g/sqm)  
\* Old coatings in good condition: diluted REVCOAT if not chalking or REVPRIM if superficially powdery (preliminary compatibility test)  
\* Bituminous: REVLITH or ZOLPAFIX 100 (preliminary study)  
When in doubt, refer to our TECHNICAL SERVICES

**Ponctual Traitement**

\* Reinforce cracks, angles, joints of salient elements, turn ups and all particular points in general, with a REVTOILE A or ARMATURE ZF armouring strip (complex surfaces) bonded to the REVCOAT before the complete treatment ( $\pm$  200 g/ml)  
\* If necessary, the coating can be reinforced over its full surface  
\* Eaves and valley gutters must be treated with ULTRACOAT beforehand. Plan a recovering of about 5 cm with REVCOAT

**PRODUCT APPLICATION**

**Process**

2 coats over imprinted surfaces:  
Waterproofing: 2 x 0.8 kg/sqm over FERCOAT imprinted metals ( $\pm$  400 g/sqm)  
2 x 1 kg/sqm over other surfaces  
minimum dry thickness in all points: 0.7 mm

**Equipment**

Protection: minimum 2 x 0.5 kg/sqm  
\* Airless sprayer (18 to 21 % nozzle): recommended application mode for large surfaces  
Process by light successive passes without loading so as to avoid overthickness running and bubbling and to ensure a good thickness and aspect regularity. Particularly important in case of relief such as ribbed surfaces, tile edges, etc  
\* Long-pile roller, brush (small surfaces): process by regular cross-coat and even without stretching

**Dilution**

24 hours between coats for both application modes (required minimum)  
Ready-to-use product for manual application  
Up to 3 % water by mechanised application

**Equipment cleaning  
Practical advice**

WATER, immediately after use  
\* 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  
\* Mind the risk of blemishes in case of excessively hot surfaces during the application  
\* Respect the safety regulations related to the cover walkability in case of large elements deemed of little resistance (corrugated sheets for ex.)  
\* Make the regulatory protection arrangements corresponding to the intervention on asbestos cement (namely the protection of the workers, waste treatment)  
\* Take the necessary steps to avoid potential condensation phenomena in roof underlay after waterproofing treatment (such as ventilation)

**COLOURS**

Factory-made TOITURES (roofing) colour chart

**PACKAGING**

5 kg - 25 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° 2152  
**Issue date: January 1995**  
**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.*

