



**Two-pack polyurethane paint, gloss finish  
Protection/decoration of metallic  
equipments and wall surfaces  
High mechanical and chemical resistance, UV resistant  
Anti-graffiti treatment of permanent type  
Excellent stretch (spray gun)**

**PURPOSE** Two-pack aliphatic urethane acrylic paint for the decoration and protection of wall surfaces and metallic equipments, for new and maintenance works.  
Anti-foulant and permanent type anti-graffiti protection. The hard and anti-adherent film of STYZOL PU BRILLANT prevents the penetration of tags and diverse graffiti and eases their removal.

MAIN APPLICATIONS:  
\* "Concrete gloss" for refacing works, decoration of areas under high strain or protection of art and protection of art and civil engineering works (tunnels, bridges, noise barriers, urban furniture, etc.)  
Requires a high-finish facing so as to obtain a beautiful surface result  
\* Protection of metallic equipments in heavy industrial environment, exposed maritime surroundings, condensation and humidity (chemistry, iron and steel, food-processing as well as paper making industry, waste water treatment plant, etc.)  
Thanks to its great ease of application, STYZOL PU BRILLANT may be used for direct renovation of old painted bases (if compatible) or over metals, when prepared, namely with PRIMAIRE PEP (epoxy), so as to obtain an efficient industrial coating, even under severe use conditions.

**SURFACES** High-finish facing concrete  
Architectonic elements made of moulded concrete  
Ferrous and non ferrous metals, pre-painted elements, light alloys, rigid plastics  
Old compatible paints in good condition (essentially bicomponent)

**MAIN FEATURES**

- \* Beautiful finish, good stretch (spray gun)
- \* Limited effects of atmospheric pollution (window sills)
- \* Remarkable anti-corrosion barrier
- \* High mechanical resistance (shocks, wearing)
- \* Chemical inertia (grease, oil, solvents, diluted acids and bases)
- \* Excellent physical barrier against the penetration of graffiti through the surface
- \* Resistance to recurrent cleaning
- \* Good resistance to UV rays and weathering
- \* Very good protection against concrete carbonation (equivalent air layer: 227 m)
- \* Stability of the colours and of the gloss, non yellowing
- \* High durability, minimal maintenance
- \* Manual or mechanised application

**IDENTIFICATION CHARACTERISTICS** **In accordance with official standards or, if none applicable, with internal standards**  
**The indicated characteristics apply after mixing both components**

**Aspect** Two pre-dosed elements to mix when about to use  
\* Pigment base/hardener weight ratio: 3/1  
\* Usable life of the mixture: ca. 4 hours by 20°C  
*Time reduced by higher temperature or with greater mixed quantity*

**Gloss** BS 60° > 85

**Dry matter** \* In weight: 74 ± 2 %  
\* In volume: 61 ± 2 %

**Density** 1.40 ± 0.05

**Flash point** Above 21°C

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

**Dry time (20°C, 65 % RH)** Impervious to dust: 2 hrs - Dry: 8 hrs  
Between coats: 24 to 72 hrs (beyond this time, ginning or solvent cleaning with a cloth)  
*Drying conditions significantly slowed down if T° (ambient + surface) < 10°C*

**Coverage** Concrete coating: ± 5 sqm/kg/coat  
Metal gloss paint: ± 8 sqm/kg/coat (40 microns dry)

**Classification** **NF T36-005:** Family I class 6a  
**XP T34-722** (façade coating): Class D2  
**EN 1062-1** (façade coating): E3 V3 W3 A0  
**Fire classification:** M1 over M0 surface

<b>USE</b>	<b>Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards).</b>
<b>BASE PREPARATION</b>	<p><b>Bases must be sound, dry, cohesive and consistent with the product application They must be free from any product or treatment likely to interfere with the product adherence</b></p> <p><b>* Bare or coated metals</b> Remove corrosion, scale, non adherent paints and chipped parts by scraping, pickling, or better, low pressure abrasive jet scavenging. Dust. If necessary, proceed to a pre-degreasing of the surfaces with ammonia water or with high pressure water-wash / dry (with NETTOYANT MULTIUSAGES if necessary). PRIMAIRE PEP impression or touching up of stripped areas in the case of coated metals.</p> <p><b>* Concrete</b> Clean with all appropriate means. Remove old incompatible paints or in bad condition. Removal of microorganisms: FONGIMOUSSE PLUS Surface preparation, surfacing: ARMATERM COLLE or COLLE POUDRE</p>
<b>PRODUCT APPLICATION</b>	
<b>Process</b>	<p>As a general rule:</p> <p>* Concrete and derived materials correctly prepared: 1 c under the STYZOL PU SATINÉ covering coat in the selected colour (dilution <math>\pm</math> 5% DILUANT R)</p> <p>* Metals and light alloys: 1 to 2 c over PRIMAIRE PEP impressed surface according to the desired colour and protection degree.</p> <p>* Coated, pre-painted surfaces: 1 to 2 c in direct application if coating in good condition and compatible (prior adherence test).</p> <p>Prior touch-ups over metals with PRIMAIRE PEP if necessary</p>
<b>Préparation du mélange</b>	Incorporate the hardener into the pigment base by slowly mixing until obtaining a homogenous mix (mechanised mixing essential for large conditioning).
<b>Equipment</b>	Brush, roller, spray gun. Proceed through regular cross movements
<b>Dilution</b>	Product ready for use after mixing the 2 components. About 5 % of DILUANT R (or REX) in mechanised application and in the first coat over concrete. Use the prepared mixture within the next 4 hours by 20°C.
<b>Equipment cleaning</b>	Use disposable equipment. DILUANT R if necessary.
<b>Practical advice</b>	<p>* Application conditions:</p> <ul style="list-style-type: none"> <li>. Ambient and surface temperature above 10°C (caution if T &gt; 35°C)</li> <li>. Relative humidity below 80 %</li> <li>. Dry and condensation-free surface</li> <li>. Sheltered from strong winds and direct sunlight</li> </ul> <p>* Stop all application 2 hours before night mist or in case of a rapid evolution of the atmospheric conditions (rain, fog, etc.).</p> <p>* Respect the recoat time between coats</p> <p>* Do not apply over a surface likely to display permanent humidity, substrate, etc.</p> <p>* Removing graffiti: clean using a cloth with NETTOYANT SG12. The shorter the delay for the cleaning process, the easier it will be to clean the surface.</p>
<b>COLOURS</b>	Factory-made RAL and STYZOL PU colour charts
<b>PACKAGING</b>	Base + hardener pre-dosed pack: 4 kg (3 kg + 1 kg) et 16 kg (12 kg + 4 kg)
<b>CONSERVATION</b>	12 months in unopened original packaging Store in a cool and ventilated room
<b>HEALTH AND SAFETY</b>	<p>Refer to:</p> <p>* The safety information label on the packaging</p> <p>* Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: <a href="http://www.zolpan.fr">www.zolpan.fr</a></p>

Technical Data Sheet n° 2375

**Issue date: June 1994**

**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.*

