



**Two-pack polyurethane paint for floors  
High chemical and mechanic resistance  
Good resistance to UV rays and weathering  
Semi-gloss finish**

**PURPOSE** Floor protection and decoration in case of particular resistance to chemical and mechanic strain required. New and maintenance works:  
 \* Indoors: industrial or trade floors, warehouses, car parks, workshops, storehouses, staircases, corridors, station or airport halls, etc.  
 \* Outdoors: balconies, mezzanines, passageways, terraces, storage areas, alleyways, etc.  
 ULTRASOL INDUSTRIE is also recommended as protection for walls and structures of all kinds if you are looking for a good protection against the projection of corrosive agents, such as bases, brine, oil, grease and diluted chemical products: anti-noise barriers, tunnel walls, exterior surfaces of storage vats, reservoirs, silos, etc.

**SURFACES** Surfaced concrete, cement cappings or slabs  
 Metallic elements  
 Old polyurethane or epoxy paints in good condition  
 Hydrocarbon floors (coated, asphalt, bituminous concrete): prior study  
 Other surfaces: refer to our TECHNICAL SERVICES

**MAIN FEATURES**  
 \* High mechanic resistance: shocks, wearing, bearing, etc  
 \* Excellent chemical inertia: solvents, usual chemical products, fuels and oils, defrosting salts, etc  
 \* Good resistance to UV rays, weathering and atmospheric pollution  
 \* Quick putting back in service  
 \* High build  
 \* Easy maintenance

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

**Aspect** Two pre-dosed elements to mix when about to use:  
 A/B ratio: 30/70 in weight, 36/64 in volume  
 Practical usable life of the mixture: 2 hours by 20°C  
*Time reduced by higher temperature or with greater mixed quantity*

**Dry matter** In weight: 64 ± 2 %  
 In volume: 47 ± 2 %

**Density** 1.35 ± 0.05

**Flash point** > 38°C

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

**Dry time (20°C, 65 % RH)** Impervious to dust: 1 hr 30  
 Dry: 4 hours  
 Between coats: 24 to 48 hrs (beyond this time, ginning or solvent cleaning with a cloth)  
 Light strain: 2 days  
 Complete resistance: 1 week  
*Drying conditions significantly slowed down if ambient & surface temperature below 8°C*

**Consumption** 200 to 250 g/sqm per coat depend. on surface condition and base porosity (± 80 microns)

**Classification** NF T36-005: Family I class 6a

**USE** Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards).

**BASE PREPARATION** Bases must be sound, dry, cohesive and consistent with the product application  
**They must not show rises of capillary humidity**  
**Porosity and light roughness ease the coating adherence**  
 They must be free from cement laitance, non-cohesive and friable parts, old incompatible coating and all kinds of dirt in general (oil, rubber traces).  
 \* NEW CONCRETE: careful dusting. "Opening" of non absorbent floors through mechanic preparation or chemical pickling (DÉTERGENT DÉROCHANT), rinse  
 \* OLD BASES: removal of dirt and non cohesive parts through sweeping, brushing.  
 Degrease if necessary by leaching with NETTOYANT MULTIUSAGES, rinse, dry  
 Complementary mechanic preparation required in case of cohesion faults or significant use constraints (blasting, rubbing, sanding)  
 Repair, reworking of evenness with epoxy mortar such as MORTIER SOL 300 (24 hr drying)  
 \* OLD PAINTS (in good condition): light sanding / dusting or caulk leaching  
 \* METALL ACCESSORIES (degreased, de-rusted): direct application

## PRODUCT APPLICATION

**Process** \* Bare surface: 2 coats over an impression of ULTRASOL INDUSTRIE PRIMAIRE (concrete), ULTRASOL A or PRIMAIRE SOL 300 (bituminous)  
 \* Coated surface (coating in good condition and compatible): direct application

**Product preparation** Incorporate the pre-dosed A part in the B part by slow mixing until obtaining a homogeneous mix with a uniform colour. Make sure that the product is mixed properly so as to avoid problems with the hardening process or with the coating aspect (mixer essential for large conditioning).  
 Usable life of the mixture: 2 hours by 20°C

**Equipment** Medium size roller, brush, spray gun  
 Proceed by regular cross-coats and per complete unit area

**Dilution** Product ready for use after mixing both components  
 Up to 5 % DILUANT R or REX in mechanised application or in the first coat in manual application

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

**Practical advice** \* Application conditions:  
 . Ambient temperature above 8°C (caution if T > 35°C). RH < 80 %  
 . Dry and condensation-free surface (surface temperature > by min. 3°C to dew point)  
 \* It is possible to improve the resistance to slipping and wearing (heavy traffic for instance) by incorporating silica in one layer of the coating (± 10 % silica of HN 31 type, homogenise and cross-roll carefully in order to spread the aggregates properly)  
 Sanded coating is more difficult to clean than a smooth one  
 \* Marking out works: product recoatable with itself or with an epoxy or PUR ULTRASOL finish. Respect the covering times between coats, otherwise proceed to ginning.

**COLOURS** ULTRASOL colour chart  
 Specific colours made to order (5 kg minimum)

**PACKAGING** Pre-dosed A + B: 5 kg - 20 kg  
 Do not close the container again once the product has been mixed

**CONSERVATION** 12 months in unopened original packaging  
 Store in a cool and ventilated room

**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° 2290  
**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.*

