



**One-pack polyurethane paint for floors
Ready for use, direct multi-coat
Resistance to wearing
and chemical agents
Semi-gloss finish**

PURPOSE Protection and decoration of indoor floors likely to be subjected to repeated mechanic strains, in new or maintenance works
ULTRASOL PU INT is recommended for all floor works requiring a good mechanic and /or chemical resistance: industrial premises, workshops, warehouses, storehouses, car parks, staircases, basements, station or airport halls, etc.

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

MAIN FEATURES

- * One-pack ready-for-use product
- * Direct multi-coat application over all surfaces
- * Provides a very hard film with high mechanic resistance: bearing, wearing, shocks
- * Good chemical inertia to solvents, fuels, lubricants and usual chemical agents
- * Good resistance to dirt
- * Excellent protection against the corrosion of concrete iron rods
- * High build, fast drying
- * Easy maintenance, resistant to usual detergents and steam cleaning

IDENTIFICATION CHARACTERISTICS **In accordance with official standards or, if none applicable, with internal standards**

Aspect Semi-fluid paint

Dry matter * in weight: 79 ± 2 %
* in volume: 69 ± 2 %

Density 1.38 ± 0.05

Flash point Below 21°C

VOC concentrations Max. 345 g/l. EU threshold value for this product (cat A/i): 500 g/l

Dry time (20°C, 65 % RH) Impervious to dust: 2 hours
Dry: 3 heures
Between coats: 24 to 48 hrs (beyond this time, ginning or solvent cleaning with a cloth)
Light strain: 2 days
Complete resistance: 1 week
Ambient humidity accelerates the drying process

Consumption 200 to 250 g/sqm per coat depending on the surface condition and material porosity (± 100 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, etc.).

* NEW CONCRETE: careful dusting. "Opening" of non absorbent floors through mechanic preparation or chemical pickling (DÉTERGENT DÉROCHANT), rinse, dry

* 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

* METAL ACCESSORIES (degreased, derusted): direct application

PRODUCT APPLICATION

Process

2 to 3 regular cross-coats, depending on the specific use constraints

* Bare or coated concrete (coating in good condition and compatible): direct application

* Hydrocarbon floor: isolate with ULTRASOL A or PRIMAIRE SOL 300 to avoid colour migration

Equipment

Medium size roller, brush, spray gun

Proceed by regular cross-coats without stretching and per complete unit area

Dilution

Product ready for use

Up to 5 % DILUANT R or REX in the first coat over very porous or heterogeneous surfaces

Equipment cleaning

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

Practical advice

* Application conditions:

. Ambient and surface temperature above 8°C (caution if T > 35°C)

. Relative humidity below 90 %

. 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 (\pm 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 polyurethane

ULTRASOL finish. Respect the recoat times between coats, otherwise proceed to ginning

COLOURS

ULTRASOL colour chart

Specific colours made to order (40 kg minimum)

PACKAGING

5 kg - 20 kg

CONSERVATION

6 months in unopened original packaging

Use the opened packs within 24 hours

Store in a dry, 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

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

