



la marque
du bâtiment

PAINT S PU 1K

WATER-BASED POLYURETHANE VARNISH
INDOOR / OUTDOOR USE

AFNOR CLASSIFICATION, FRENCH STANDARD NFT 36 005 FAMILY 1 CLASS 6A

1. PRESENTATION

PAINT S PU 1K is a one-component water-based polyurethane varnish for indoor and outdoor application.

2. ADVANTAGES

- Effective protection against dust.
- Resistance to mild abrasion.
- Easy application.
- Nice glossy appearance.
- Good resistance to chemicals.
- Facilitates the maintenance of the substrate.
- Hardens the substrate.
- Resistant to UV rays: not subject to yellowing.
- Stain-resistant coating.
- Non-toxic and non-flammable.
- Good resistance to freeze/thaw cycles.
- Waterproofs the substrate.

3. AREAS OF APPLICATION

- Protection of porous mineral floors (concrete, bricks, paving blocks, stone...) both indoors and outdoors.
- Suitable for domestic floors: balconies, garages, terraces, swimming pool edges and all floors subject to light traffic (stairwell, etc.).
- Possibility to obtain a non-slip substrate by incorporating **ADDITIF ANTIDERAPANT**.

4. INSTRUCTIONS

Substrate preparation:

Substrates must be dry and free of dust, grease, oil, moisture.

Preparatory work:

- Remove Laitances using **DECAP CIM SF** or **DECAP BIO**.
Traces of oil and grease using **EURO KLINE**.
Algae, moss, lichen using **MOUSSTOP 4 PLUS** or **15 PLUS**.
Old coats of paint using **DECAP ALL**.
Loose particles (scraping), dust (brushing).
Metal parts will be isolated using an anti-rust primer **PAINT M ROUILLE** or **PAINT M COVER**.
- Non-absorbent surfaces such as high-dose cements, glazed surfaces or substrates made of very close graded concrete (e.g. use of power float, self-levelling coating, etc.) will have to be etched or deglossed through chemical action with **NETT SILICE**, mechanical means (blasting) or grinding.
On very fat concrete floors, use **NETT PROCLEAN** (degreaser made from emulsifiable solvents).
- Rinse with water.
- Wait for complete drying before applying **PAINT S PU 1K**.

The porosity of the floor will determine the adhesion of the coating. To define a floor as **ABSORBENT**:

Good floor porosity can easily be checked by pouring a small amount of water on the dusted floor.

If the water penetrates, a dark stain forms: the floor is considered absorbent.

If the water forms "beads" and does not make the concrete wet, roughen in order to achieve good adhesion.



la marque
du bâtiment

PAINT S PU 1K

WATER-BASED POLYURETHANE VARNISH
INDOOR / OUTDOOR USE

AFNOR CLASSIFICATION, FRENCH STANDARD NFT 36 005 FAMILY 1 CLASS 6A

Precautions:

These recommendations cannot replace the appropriate determination of the nature and condition of the substrates to be implemented.

- Must not be applied directly on concrete.
- Do not apply before 28 days on new concrete and mortar.
- Do not apply on frozen or thawing substrates, or those likely to freeze.
- Do not apply on hot substrates and in threatening weather.
- No negative pressure or water vapour can be present while the product is applied (risk of blistering).
- Do not use on asphalt or coated floors.
- Do not apply on substrates or at a temperature below +10°C.
- Beware of the dew point.

Ground holes and imperfections must first be filled (MAXI ROC FLUIDE).

Implementation:

Shake before use, if possible with a mixer.

Apply a first coat of **PAINT S PU 1K** diluted to 50% (i.e. 1 L of **PAINT S PU 1K** for 1 L of water) at a rate of 150 g/m².

Leave to dry for 1 to 3 hours.

Apply the second coat of **PAINT S PU 1K** undiluted at a rate of 150 g/m².

Application:

Application equipment	: Brush, roller, spray gun
Ground temperature	: +12°C to 30°C
Application temperature	: +10°C to 35°C
Hygrometry	: < 75%
Consumption	: 100-150 g/m ² per coat depending on the quality of the substrate : 200-300 g/m ² for both coats
Cleaning of the equipment	: Water (do not allow to dry). : DECAP ALL after drying



la marque
du bâtiment

PAINT S PU 1K

WATER-BASED POLYURETHANE VARNISH
INDOOR / OUTDOOR USE

AFNOR CLASSIFICATION, FRENCH STANDARD NFT 36 005 FAMILY 1 CLASS 6A

5. CHARACTERISTICS

Packaging	:	Ready to use
Appearance in container	:	Milky fluid resin
Drying time (at 20°C and 50% RH)	:	1 to 3 hours
Commissioning time	:	48 hours minimum
VOC (Directive 2004/42/EC)	:	EU limit value for this product (cat. A/j)*: 140 g/L (2010). This product contains 5 g/L maximum.
Shelf life	:	1 year in its unopened original packaging

(For more information, please refer to paragraph 9 of the safety data sheet).

6. SAFETY OF USE

- See the product's Safety Data Sheet at www.quickfds.fr
- Store away from frost.
- Does not meet applicable food standards.

The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.

Product solely intended for professional use.