

PLASTOR



Professional floor lacquer

PUR-T4 DUO 4

Level 1 2 3

4

Busy areas

BI-COMPONENT

A+B MIXTURE

COVERAGE

1L = ± 10 m² per coat

FINISHES

Extra matt - Satin –
Very glossy

TOOL CLEANING

WATER

DRYING TIME
BETWEEN COATS

3 - 5 hrs

0% NMP
NEP

Properties - Uses

- Bi-component water based **pure polycarbonate** floor varnish.
- **Significant viscosity:** 58 seconds - very easy to use.
- The **rate of VOC is the lowest on the market for a bi-component: 46 g/L.**
- Can be used as a final coat to improve the performance of other floor varnishes.
- Suitable for **sports halls**, heated floors and floors on cement bases.
- **Odourless**
- Adapted for varnishing of wooden floors or derivatives of interior woodwork (panelling, skirting boards, etc.), whether old or new and for all types. For difficult or rare (exotic woods), contact our technical department.
- When applied directly to bare wood it helps maintain the clear look of the wood.

PLASTOR - GROUPE V33 • RUE DE LA CROIX BERNARD • 39120 DOMBLANS, FRANCE

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These instructions are intended as guidance. The information used is drawn from our current knowledge and experience under conditions of use compliant with enforceable codes of practice. In light of the wide range of factors that may influence the use of our products, the user should always carry out their own tests before use. These instructions do not represent a legal guarantee. Make sure you always observe the directions on the product datasheets, codes of practice, professional standards and national regulations in force on the date the work is performed.

Full information on safety of use, storage and disposal is given in the Material Safety Datasheets (MSDS) available on www.quickfds.com

Technical datasheet

Version: 1st june 2010

Physico-chemical properties

WET LAYER	
Density at 20°C	1.03 +/- 0.05
Viscosity at 20°C	Part A : 40 - 45 sec. depending on appearance - Coupe AFNOR No. 4 Part A+B : 45-50 sec. depending on appearance - Coupe AFNOR No. 4
pH	9 +/- 0.5
Solid content of the mixture	32 - 33% according to appearances

Drying

Away from dust	30 minutes	
Recoating / smoothable	3 - 5 hours	See conditions below
Light-traffic	24 hours	take certain precautions because the floor varnish has not fully dried and still fragile
Optimal resistance	2 weeks	Normal use of premises

Drying time at 20°C and 65% relative humidity for coats of normal thickness.

Directions for use

Preparing the surface

- **On old wooden floors:** Sand the wood until bare in accordance with good practices, with at least 3 sandings. First sand with coarse grained sandpaper (16 to 60). Then continue with medium grained sandpaper (80-100) and finish by sanding with fine-grained sandpaper (100 or 150).
- **On new rough wood flooring,** sanding with fine-grained sandpaper is sufficient.
- On factory pre-varnished wooden floors or in case of over-varnishing: contact us for further information.
Take care to remove all dust from floors walls and skirting boards before applying any products.

Before varnishing the wooden floor, to guarantee the utmost protection of the surface, apply PUR-T® Tannin Inhibitor to prevent the release of tannins and to preserve the natural look of the wood.

Varnishing

In compliance with enforceable professional standards, only apply the varnish:

- At a ground temperature of between 8°C and 25°C.
- On a clean, dry (moisture < 10%), non-greasy (without fatty substances such as exudation, wax, silicon, etc.) surface that is free from any washing liquid or powder, dirt, dust from sanding or other acidic residues.
- In a draught-free atmosphere.
- If you use an opened container, make sure that when you open it no dried particles of varnish drop into the floor varnish. These particles are insoluble and can only be removed by sieving.

Do not dilute. Pour resin A into a clean container. Whilst stirring the resin, pour hardener B into a mixture: **1 dose of A (using the 900-ml dosing pot) for 2 dosing caps of B (100 ml)**. Carefully and immediately homogenise in order to obtain a more regular distribution of the hardener. Leave to react for 10 minutes before use, then mix once more before applying. Do not dilute. Only prepare enough for 1 coat.

- **Apply 1 undercoat + 2 coats of varnish (or 3 if there is no undercoat).** Apply the floor varnish in regular full cross coats then give the last stroke of your brush in the direction of the wood grain or light depending on how the flooring is laid out. Avoid excessive build-up, rises and draughts.
- Gently smooth the first coat applied on rough wood using fine-grained sanding paper (150-180) or a buffer fitted with a black pad. According to choice, you can perform a gentle smoothing between coats. In the case where interior drying is greater than 48 hours, you must carefully smooth all the surface using 150 grain sandpaper.

Immediately after use, clean all the tools with pure water. Finish off by washing them in soapy water, then hang to dry. Do not leave them lying on a surface.

Restrictions

- Warning for **extra matt finish:** in order to obtain a uniform appearance, you must use: 1 coat of undercoat + 1 coat of glossy PUR-T floor varnish + 1 coat of PUR-T extra-mat floor varnish.
- Never use without a hardener: otherwise performance will be greatly reduced.
- Satisfactory durability for a floor varnish can only be obtained if:
 - the product is suited to the use of the room: therefore, always use the floor varnish for the level that corresponds with the premises to be varnished or floor varnish with greater performance.
 - Upkeep is performed using suitable products at regular intervals.

In the 2 weeks following varnishing:

- Leave the floor varnish to harden to the core.
 - Do not wet the wooden flooring, clean it with dry material.
 - Do not cover with a carpet.
 - Be careful when moving heavy furniture.

Packaging

This product is available in a 5-litre kit (4.5 L of resin + 0.5 L of hardener).

The hardener is packaged with a 50-ml measuring cap.

Storage

Replace lid after use.

A film may form in opened containers. Close all containers hermetically. Pour remainder of product into smaller containers.

DO NOT EXPOSE TO FROST: Warning: a product that has frozen does not change visually but loses its resistance and therefore cannot be used.

Keep the packaging away from sources of intense heat: avoid keeping the containers in a vehicle in direct sunlight.

Retention

Shelf life for unopened products: 1 year in the sealed original packaging.
Shelf life for opened products. usable if a film has not formed on the surface, if there is no change in consistency and if they have not been exposed to frost.

Waste disposal

Do not empty into drains, water or the ground. Leave to dry. Dispose of the empty packaging and liquid or dry residues at a waste collection point. Always dispose of this product in compliance with the local/national directives in force.