



## POLYURETHANE VARNISH FOR FLOORS



### DESCRIPTION

Dual-component gloss polyurethane floor varnish formulated from hydroxylase acrylic resins. For use on surfaces painted with polyurethane or epoxy enamels or directly onto metal and concrete.

### ADVANTAGES

- ✓ Excellent adherence to any type of surface.
- ✓ Excellent resistance to abrasion and hard wearing.
- ✓ Does not yellow.
- ✓ Does not crack or blister.
- ✓ Interior and exterior use.
- ✓ Anti dust effect.
- ✓ Makes paint stripping easy.

### RECOMMENDED USES

Use as a Protective top coat on floors painted with epoxy or Polyurethane enamel. Ideal for high traffic areas in warehouses, workshops, garages, industrial buildings etc. makes floors hard wearing, resistant to abrasion and dust free. Provides a uniform, elegant finish. Can also be used as a top coat on metal painted with Polyurethane enamel or directly onto ironwork, galvanised steel, concrete, stone, marble and wood. Always test a small area first for adherence.

### PRESENTATION

Colour: clear.  
Finish: gloss.  
6+4 kg pack.

### TECHNICAL CHARACTERISTICS

**Composition:** fixed vehicle – polyurethane resins, catalysed with isocyanates  
Solvent: blended hydrocarbons.

**Density:** 1.02 ± 0.02 Kg./L.

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**Solid volume:** 40 ± 2%.

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**Coverage:** 13 – 15 m<sup>2</sup>/Lt per coat

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**Drying:** to the touch 3-4 hours.  
Total 6 hours.  
Repaint: 12 hours Maximum 48 hours.  
Light vehicle transit: 2 days, normal transit: 10 days.

#### APPLICATION

**Coats:** 1 or 2 .

**Mixing:** Add the corresponding catalyser at 1.5/1 and mix thoroughly .

**Working time:** maximum 6 hours.

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**Recommended thickness:** 30-40 microns per coat, dry.

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**Dilution:** First coat 10%, subsequent coats 5-10 %, with Polyurethane solvent.

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**Application temperature:** 10 to 30 °C.

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#### SURFACE PREPARATION

##### **New surfaces**

Iron and derivatives:

1. To protect the surface, use an appropriate primer. In this case use a shop primer or a 2-component epoxy primer. Once primed, the varnish can be applied or, depending on the desired finish, one or two coats of polyurethane metal enamel can be applied first.
2. Surface must be free of foreign products and/or residues, and degreased, dust-free and dry. If there are signs of oxidation, rust must be removed by brushing or any other mechanical means.

Concrete floors:

Concrete surfaces must be prepared by removing the surface layer (grout) with a steel brush, acid cleaning, milling, etc. Proceed in the same way with polished concrete to open the pore. If mechanical treatment is not possible, carry out chemical treatment with diluted hydrochloric acid and then clean the remains with abundant water and let the surface dry.

On floors that are only varnished with a small pore, we recommend a first coat of clear water-based epoxy primer.

## Restoration and maintenance

Iron and enamel iron: on paintwork in good condition, sand to prepare the surface, checking that the adherence is perfect.

On paintwork in poor condition, eliminate loose paint and rust by mechanical or chemical means and proceed as on new surfaces.

Plaster, cement and similar surfaces: - on paintwork in good condition, sand to prepare the surface, checking that the adherence is perfect.

If the surface is in poor condition, or that may be attacked by the product, eliminate loose and flaky paint by mechanical or chemical means and proceed as for newly finished surfaces.

Concrete floors:

On old surfaces, remove poorly adhering paint, grease, etc., and proceed as for a new surface.

We recommend applying a first coat of two-component Pinay Primer to improve bonding before applying the two coats of polyurethane enamel and the final varnish.

### STORAGE

Easy to mix by shaking after 12 months' storage in a sealed container. Does not form skin, gel or lumps. Keep away from temperatures below 5 °C.

### SAFETY

Consult the label and the Safety Data Sheet.



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