



M50 SINGLE-COMPONENT VARNISH

DESCRIPTION

Single-component polyurethane varnish with a glossy finish, formulated from hydroxylated acrylic resins. Application on substrates prepared with polyurethane or epoxy enamels or directly on iron or concrete.

ADVANTAGES

- ✓ Very good adhesion to all types of substrates.
- ✓ High abrasion resistance, high hardness.
- ✓ Does not yellow.
- ✓ Does not crack or blister.
- ✓ For indoor and outdoor use.
- ✓ Anti-dust effect.
- ✓ Facilitates the removal of graffiti.
- ✓ Ideal for pedestrian traffic.

RECOMMENDED USES

As a final protective finish for flooring systems that have been painted with epoxy enamel or polyurethane enamel, ideal for pedestrian traffic, it provides floors that are resistant to rolling, dust-free, with a uniform appearance and an elegant finish.

Also as a final coat for protecting iron, previously painted with polyurethane enamel, or directly on normal or galvanised iron, concrete, stone, marble or wood.

Always carry out an adhesion test.

PRESENTATION

Colours: Colourless.

Gloss finish.

Formats: 4 litres, 15 litres.

TECHNICAL CHARACTERISTICS

Composition Fixed vehicle Single-component polyurethane resins.
Solvent Hydrocarbon mixture.

Density 1.02± 0.02 kg/L.

V. Solids 80± 2%.

Coverage 13–15 m²/L per coat.

Drying To touch 3–4 hours
Total 4 hours
Repainting 3 hours Maximum 48 hours
Pedestrian traffic: 12 hours.

APPLICATION

Coats 1 or 2 coats

Product mixture: Mix the enamel with its corresponding catalyst in a ratio of 1.5/1 until perfectly homogenised.

Pot life: Maximum 6 hours.

Recommended thickness 30-40 dry microns per coat

Dilution First coat 10%, subsequent coats 5%, with polyurethane solvent.

Application temperature Ambient temperature between 10 and 30 °C.

SURFACE PREPARATION

New substrates

Iron and its derivatives:

1. To protect the substrate, it must be protected with the appropriate primer, in this case it must be protected with 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 enamel for metal can be applied first.

2. The iron to be treated must be free of foreign products and/or residues, as well as thoroughly degreased, dust-free and dry. If there are signs of oxidation, the rust must be removed by brushing or any other mechanical means.

Concrete floors:

Concrete surfaces must be prepared by removing the surface layer (grout) using a steel brush, acid cleaning, milling, etc. Proceed in the same way with polished concrete to open the pores. If mechanical treatment is not possible, carry out chemical treatment with diluted hydrochloric acid, then clean off any water residue with plenty of water and allow the surface to dry.

On varnished floors with few pores, we recommend applying a first coat of colourless water-based epoxy primer.

Restoration and maintenance

Iron and its enamelled derivatives: -On paints in good condition, sand to open the pores, checking that the adhesion is perfect.

On paints in poor condition, remove them by mechanical or chemical means and proceed as for new substrates.

Building work (plaster, cement and derivatives): -On paint in good condition, sand to open the pores, checking that adhesion is perfect.

-On paint in poor condition or susceptible to attack by the product, remove by mechanical or chemical means

and proceed as for new work.

Concrete floors:

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

It is recommended to apply a first coat of Pinay two-component primer as a layer to improve adhesion before applying two coats of polyurethane enamel and the final varnish.

CONSERVATION

Easily homogenised by stirring thoroughly after 12 months' storage in a closed container. Does not form skins, clots or gels. Keep away from temperatures below 0 °C.

SAFETY

Consult the label and Safety Data Sheet.



Pinturas Ayelenses s.l.
P.I. San José, s/n / 46812
Ayelo de Malferit / Valencia / Spain
t. 96 236 02 92 / f. 96 236 06 01
pinturaspinay.com
info@pinturaspinay.com