



PRODUCT Nº.: 4413

TECMA PAINT[®] BPU **PROTECTION POLYURETHANE VARNISH**

PRODUCT DESCRIPTION:

Aliphatic polyurethane clear coat for protection of epoxy or polyurethane coatings, as a finish coat resistant to traffic of people and vehicles. The film is colourless, hard and tough with very good resistance to abrasion. Thanks to its excellent chemical resistance to acidic or alkaline solutions and solvents, prevents contamination and allows easy cleaning of treated surfaces. The product can be used both indoors and outdoors and will resist for years the harsh sun, rain and snow.

ADVANTAGES:

Effective protection of any surface previously treated with other coatings. Conservation of surfaces from dirt. The varnish can be cleaned with water and detergent, removing fat, soot, dust, etc., which are deposited on the surfaces exposed to urban environments. It maintains clean the treated surfaces for longer. Ease of application, can be applied by brush, wool roller and spray gun.

FEATURES:

Composition : Aliphatic polyurethane
Appearance : Clear transparent, gloss, matt or satin
Components : Two, Base and Hardener.
Drying times at 20°C, 55% R.H. : Touch 4 hours. Hard 24 hours. 7 days full cure.
Repainting: Minimum 16 hours. Maximum 48 hours.

Proportions in the Mixture:

A container of component Base with a container of component Hardener (2 parts by volume of Base to 1 part of Hardener by volume).

Application : Roller of glazing, brush or airless spray.
Cleaning solvent : **TECMA SOL D**
Yield : 9 m²/kg at 50 micron of dry film thickness.

The yield is calculated according to formula regardless of the support porosity, roughness, method of application, losses in the application, environmental conditions, etc.

SCOPE:

As a finish coat of epoxy and polyurethane coatings to improve the aesthetic properties, cleaning and resistance to transit. As protector of metallic surfaces previously primed or painted. Protection of mineral surfaces to improve resistance to fouling, which have been treated with transparent primers such as our IMPRIMACION A or paints for mortar and concrete of the type TECMACRIL FACHADAS or TECMA PAINT AS.



SURFACE PREPARATION:

The surfaces should be completely dry, clean of grease, oil, dust or other contaminants. If applied on concrete, cement, brick surfaces, etc. IMPRIMACION A must be applied previously to avoid shades on the substrates. When applied on other coatings they must be dry enough to avoid their softening. If the epoxy or polyurethane coatings are cured, the surface will be rubbed to provide good adhesion to them.

METHOD OF APPLICATION:

Mix the two ingredients and stir for two minutes until a homogeneous mixture. Apply the methods described above, covering the entire surface.

On epoxy or polyurethane coatings, do not leave more than 48 hours elapse between the application of the coating and application of **TECMA PAINT BPU** to get a perfect adhesion between layers.

SPECIAL RECOMMENDATIONS:

- Do not apply when temperature is below 10 ° C.
- Do not apply when relative humidity is above 80% or the temperature of the support is less than 3 ° C above the dew point
- Do not apply **TECMA PAINT BPU MATE** directly on porous materials.
- When applied directly on porous supports, the product will highlight the shade of the Support just like any other varnish. In order to avoid this, apply previously a layer of **IMPRIMACION A**, thus removing the shade of the support.
- For application on surfaces other than epoxies and polyurethanes, tests should be performed to rule out incompatibility problems with the coating on which it is applied.

PACKAGING:

Metal packaging in sets of 4 kg net (base + hardener).

** The information contained in this Technical Sheet and our recommendations, both verbal and written or by tests conducted in our internal laboratories or in external laboratories, are given in good faith based on our experience and test results without serve as a guarantee. Our recommendations are not exempt from the obligation to learn more about the application of the product to use prior to its use and to take pre-tests if there is doubt about the suitability of this for any site or application. The application, use and handling of our products are outside our control and therefore under the responsibility of the applicator. It will therefore be responsible the person who makes use of the product without the observance of the instructions listed here .**

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