

PRODUCT Nº: 1940

TECMA PAINT® PU-EXT

POLYURETHANE COATING FOR OUTDOOR PROTECTION

DESCRIPTION:

Aliphatic polyurethane coating designed for outdoor protection of horizontal and vertical surfaces with excellent resistance to ultra violet rays, oils, greases and aqueous solutions, impact and abrasión.

The formed film is easily cleaned of grease, oil and environmental dirt.

USAGE:

As a finish coat on painted floors and walls for outdoor car parks or in indoor car parks, garages, warehouses, factories, walls, solariums, etc. It complies with the VOC's Directive for this type of product.

The product can be applied as a top coat resistant to outdoors for epoxy systems: **TECMA PAINT ECOPOX, TECMA PAINT EP-SD, TECMA PAINT AUTONIVELANTE.**

FEATURES:

Nature	Aliphatic polyurethane
Appearance	Satin
Solid content by weight	67%
Mixing ratio in weight	Base 8/ Hardener 3,2
Pot life of the mixture at 20°C	6 hours
Application	Brush, roller, spray
Thinner and cleaning solvent	TECMASOL D
Application temperature	+10 to +30 °C
Maximum relative humidity of application	85%
Drying time 23°C, 55% R.H.	Touch 6 hours, hard 16 h., repainting minimum 16 hours, maximum 48 h. Full cure 7 days
Theoretical yield	7 m ² /kg at 50 microns of dry film thickness
Colours	Grey, Red, Green

SURFACE PREPARATION:

Surfaces must be dry and free of grease, oil, dust, loose grout, etc. In mortar or concrete surfaces the product should not be applied until at least 28 days after concrete reinforcement has been applied. The surfaces must be roughened by mechanical means, sanding, shotblasting, etc. It is very important to remove the layer of grout to get a firm and resistant surface.

Always apply a primer with **TECMA PRIMER AT, TECMA PAINT ECOTRANS** or **TECMA PAINT-AH**, with a yield of 4-5 m²/kg depending on the absorption and roughness of the substrate.

INSTRUCTIONS:

Stir the contents of the Base component container. Add the contents of the container of hardener component slowly, continuously stirring. Continue stirring until completely blended. Apply a first coat of **TECMA PAINT PU-EXT**, with a yield of approximately 7 m² / Kg, on the primed surface. After no earlier than 16 hours, at 23° C, a second coat can be applied.

SPECIAL RECOMMENDATIONS:

- **TECMA PAINT® PU-EXT** will be always applied on the primer coating that has been applied previously, according to the above in the section of surface preparation.
- Do not apply at temperatures below 10° C.
- Do not apply when relative humidity is above 85% or when the surface temperature is within 3° C above the dew point.
- If a more matt or glossy finish is desired, can be applied as a finishing varnish **TECMA PAINT BPU GLOSS** or **MATT**.

PACKAGING AND STORAGE:

In sets of 12 Kgs. net (base + hardener) predosed for its use. Store in a dry place at temperatures between 10 and 35° C. Storage life time in original sealed packaging will be at least 1 year.

** The information contained in this sheet, as well as 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 that serve as a guarantee. Our recommendations are not exempt from the obligation to learn more about the implementation of the product to be used prior to their use and take pre-tests if there is doubt about the suitability of these for any work or application. The application, use and handling of our products are beyond our control and therefore under the responsibility of the applicator. It will be therefore responsibility of the person who makes use of the product without the observance of the instructions given here **

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