

Data sheet

P.FOS

PHOSPHORESCENT PASTE

NATURE AND PRODUCT FEATURES:

Coloring paste based on a special phosphorescent pigment dispersed in a resin with a broad compatibility spectrum.

Products colored with this paste have the unique ability to charge with exposure to a light source (sunlight, electric light or UV light) and restore brightness, shining in the dark.

Phosphorescence persists even in the absence of light, as phosphorescent pigments, after charging, glow for a variable period of time, a function of the light absorption phase to which they were previously exposed.

FIELD OF APPLICATION:

Furniture and giftware products intended for indoor use.

Prolonged outdoor exposures produce gloss loss and color changes.

PREPARATION OF THE SUBSTRATE:

Refer to the data sheet of the enamel/primer used.

PREPARATION OF THE PRODUCT:

Can be used on all dye system converters, but the average particle size of 26 μ precludes its use in thin binders. Therefore, to improve its final appearance and chemical resistance, it is always recommended that the pigmented enamel with P.FOS be covered with a coat of a finishing matte clear coat like our 704.TIX40 or 704.00020.

Phosphorescent paste should be used as the only pigment in the chosen binder because the presence of other pigments reduces luminescent effect. For maximum luminescence, the product should be applied on a white background, and the final appearance results in a greenish-yellow coloration.

Since the luminescent effect is proportional to the amount of pigment present, it is recommended to use it in the largest possible dose in the binding system. For the same reason, it is preferable to apply the product in several coats, while still adhering to the recommended thicknesses for the converter chosen as a binder.

	<i>Min.</i>	<i>Max</i>
Enamels 1K	20%	30%
Enamels 2K	30%	40%

SAFETY REGULATIONS:

Strictly follow the instructions on the labeling and in the safety data sheet.

The data and information contained in this sheet are the result of our experience and accurate laboratory tests. However, since the painting process represents a set of operations that are beyond our control, they do not therefore guarantee, in any way, the final performance of the cycle.

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