



Gi-PEN

Touch-Up Pen for RAL powder coated surface



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1. TECHNICAL INFORMATION

PRODUCT FEATURES

Gi-PEN is a mini-dose of glossy nitro paint that matches **the colour of the specific Gi-Color products purchased by the costumers**. *Gi-PEN* has been designed to repair surfaces that has been scratched or damaged. The *Gi-PEN* is opaque and effective in covering both light scratches and deep incisions which expose the underlying surface.



Figure 1: Example of *Gi-PEN*.

TECHNICAL DATA

CHEMICAL NATURE	NITRO PAINT
Type of paint	Nitro paint or N-Butyl Acetate
Compatible surfaces	Polyester painted Surfaces
Type of retouchable surface finishes	Smoot Glossy, Smoot Matt, Textured

N.B. - Gi-PEN CANNOT REPRODUCE METALLIC, FLUORESCENT AND TEXTURED FINISHES

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2. PRODUCT INFORMATION

Gi-PEN has 3 different codes that identify the tip size.

Identification Code:

Fine Tip: **35.XXX.YYYY/ZZZ**

Medium Tip: **36. XXXX.YYYY/ZZZ**

Large Tip: **37.XXX.YYYY/ZZZ**



Figure 2: The 3 different *Gi-Pen* tip sizes.

AVAILABILITY

Available Colours: All GI Color codes.

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3. APPLICATION

When using the Gi-PEN for the first time, make sure that the tip is soaked in colour. To do this, remove the cap and press the tip onto a clean surface until it retracts into the Gi-PEN (figure 6-7). After a few seconds, let the tip come out and you will notice that it has absorbed some of the colour. (Figure 8). Continue until the whole tip has completely absorbed the colour (figure 9).



Figure 6-7: Absorption of the colour on the tip of *Gi-PEN*



Figure 8-9: Absorption of the colour on the tip of *Gi-PEN*

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4. ADHESION TEST

We tested the adhesion of the different types of Gi-PEN (fine, medium and large tip) on a sample sheet by performing the dry (ISO 2409) and wet (pressure cocker) cross-cut test.

The adhesion of the applied retouch layer is stable and uniform.

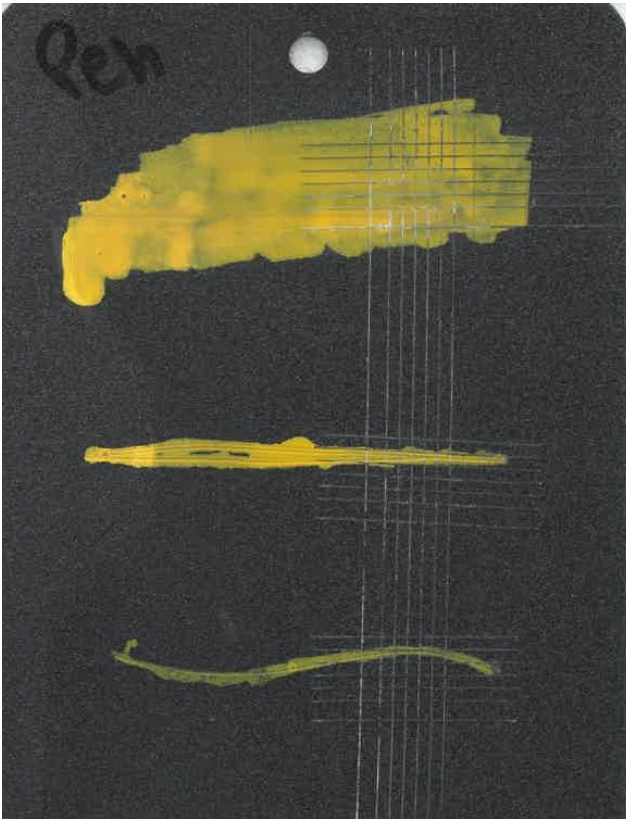


Figure 11: Cross-cut test on a dry sample.

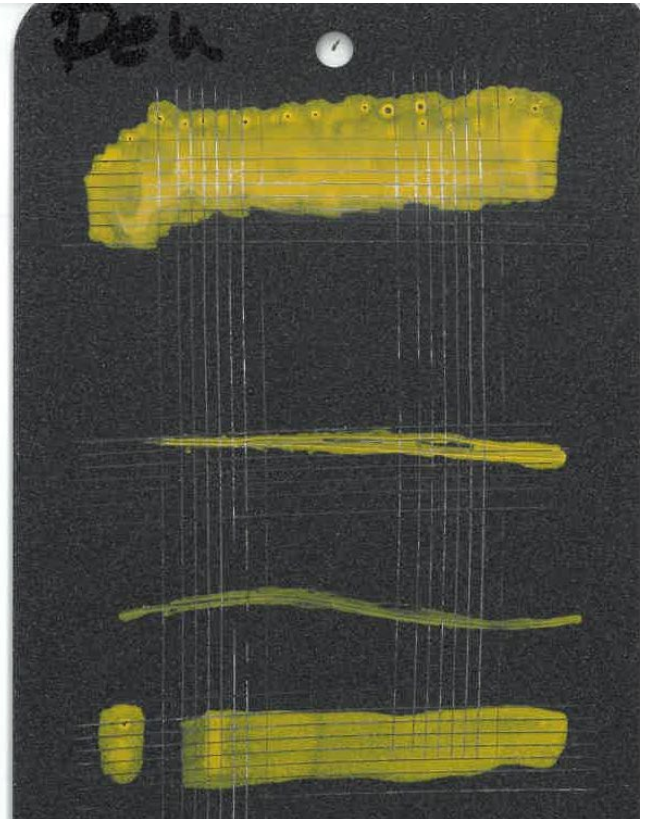


Figure 12: Cross-cut test on a wet sample

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