

Metal Varnish for Art Cans GP-90 Series

It is polyester type gold varnish developed for inner surface of art cans. Highly rated in art can applications, it offers excellent scratch resistance and processability.

■ Features

- ▶ It excels in physical properties (hardness, scratch resistance, solvent resistance, and processability) necessary for art can use.
- ▶ Color toning is possible.

■ Applications

Tin plates, TFS plates, and Satin Boards.

■ Usages

Reducer solvent: Use No.86 Solvent.

Coating viscosity: Generally it can be used as is, however, adjust the viscosity according to coating conditions (coating speed, solution temperature).

Standard film thickness: $50 \pm 10 \text{ mg/100 cm}^2$.

Baking condition: $170^\circ\text{C} \times 10 \text{ mins}$.

■ Handling Instructions

- ▶ Stir well prior to use and make sure to not mix it with other paints.
 - ▶ Confirm the adhesiveness beforehand when planning to apply gloss varnish over gold varnish.
 - ▶ Use it with A-323 sizing varnish when applying to tin cans whose lids will be sealed by adhesive tapes.
 - ▶ Avoid using with vinyl and epoxy sizing varnishes.
 - ▶ When matte ink is used for outer surface, in some cases, gold varnish surface may get matte ink spots. This condition can be improved by baking the gold varnish surface at $185^\circ\text{C} \times 10 \text{ mins}$.
 - ▶ When applying to satin boards, add 10 mg/100 cm^2 to standard film thickness.
 - ▶ It is meant for art can use only and has no retort resistance.
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