



UVL Aluminum Plate Ink

【Substrate】

This product is suitable for the UV screen printing process of architectural ceiling aluminum panels, and is suitable for roll-coated panels, partially polished panels, mirror panels and other sheets. Printed products have good adhesion, smoothness, transparency, gloss, dirt resistant, fast curing speed and other performance characteristics.

【Physical properties】

- ❖ Gloss (600 gloss meter): $88\pm 5^\circ$
- ❖ Fineness: $\leq 5\mu\text{m}$
- ❖ Flexibility: good, wear-resistant cutting
- ❖ Light solid energy: 120-150mj/cm²
- ❖ Curing speed: ≥ 18 m/min

【Recommendations】

- ❖ Stir thoroughly before use.
- ❖ Please choose Bauhinia UV-002 thinner when it needs to be diluted. Adding amount is 3-5% (subject to suitable printing); too much will affect adhesion and gloss retention;
- ❖ When using, it is recommended that the UV light curing energy be set at 120-150 mj/cm² to ensure sufficient curing.
- ❖ Suggested mesh count: 200-350

【Precautions】

- ❖ There are various types of ceiling aluminum plates, such as roll-coated plates, polished plates, mirror panels, etc. The corresponding ink types, thinners or additives must be selected for different substrates before use to avoid defects such as poor adhesion
- ❖ The product series have a variety of texture: matte, flower, refraction, lines, bronzing, dirt resistant, wrinkles, matte solid color and other surface printing effects. Please adjust the printing process accordingly.
- ❖ The ceiling aluminum plate has corresponding stamping, filming and other



processes, so please do relevant tests before production.

- ❖ Please use appropriate PPE when using this product, if in contact with body part please wash with plenty of water.

【Disclaimer】

The information in this article is based on actual production and test results, but whether the performance of the product meets the requirements of your factory depends on the specific application conditions and the materials to be printed. We suggest that users need to know whether each product meets all their requirements before starting to print. Since we cannot predict or control the conditions for your products to be used, we cannot guarantee product performance. All sales are subject to our company's Standard sales terms and conditions control.