



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 data shown in this document is based on actual production and test result generated within our company. Above data is only for reference and does not bear any legal guarantee responsibilities. Whether actual ink performance can meet user's requirement depends on application conditions and substrate etc. We suggest that users should access whether current production conditions meet the application requirement of each product before printing. Since we cannot control the actual application and storage conditions, we cannot guarantee the final product performance. All product sales subject to our standard sales terms and conditions.