TECHNICAL DATA SHEET
SCREEN

AURA+ TACTILE VARNISH – LA161

Introduction

LA161 is a coating that provides a raised profile for decorative and tactile effects. This varnish is engineered to meet the highest performance while supporting the demanding regulatory standards for indirect food packaging. Developed to enable compliance with the Swiss Ink Ordinance and German Ink Ordinance and manufactured in line with EuPIA guidelines.

Technical Information

Viscosity	1100 – 1400 cps at 25°C
Volume Recommendations	10.0 g/m^2

Key Features and Advantages

- Developed in accordance with Swiss Ink Ordinance and German Ink Ordinance.
- Developed and manufactured in line with the EuPIA guidelines for indirect food packaging.
- No Intentionally added PFAS and BPA.
- Provides a raised area for visual and textured results.
- High transparency.
- Good flexibility at high film weights.
- Exhibits good lay with a smooth finish.
- Fast for cure.
- Viscosity suited to printing via a letterpress duct or rotary screen.
- LA161 offers good adhesion on a range of substrates.

Application

For letterpress the best results are achieved by running the letterpress roller train as open as possible.

When running on screen units the optimum mesh types are as follows:

Gallus – BT or BZ will result in a printed ink film thickness of approximately 280µm.

Stork – RM 75 40% will result in a printed ink film thickness of approximately 260µm.
(This can enable a height of 0.5mm to be achieved).

Substrates

This ink system has been purposely designed for use on many papers, boards, synthetics and foils both supported and unsupported. The inks are press ready and the use of performance additives is not recommended without prior consultation or recommendation by ALDUS INKS. This ink system is not suitable for thermal active papers without the use of a suitable over varnish.

NB. Due to the wide variety of synthetic substrates available we cannot provide guarantees for ink adhesion. We recommend the use of good quality top coated substrates. Non - top coated substrates can also be converted providing the material is corona treated or primed prior to printing.

It is recommended that adequate testing be carried out prior to production runs.

Overprinting

This product is not suited to direct overprinting using thermal transfer, hot foil or laser.

Other Information

All products must be mixed/stirred thoroughly to ensure consistency prior to printing, failure to do so may alter the performance or finish of the ink.

This product can be used for indirect food packaging applications without the presence of an absolute barrier, such as glass or metal as part of the final packaging construction.

Full legislative, regulatory and compliance information regarding the AURA+ products is available upon request.

Storage and Shelf Life

All products detailed in this information sheet have a guaranteed shelf life of 12 months, but storage conditions are imperative. The container should be closed immediately after use and stored in a dry area at 5-18°C away from direct sunlight. This guarantee only applies to sealed, unopened containers.

The information contained in this General Information sheet is based on the experience of ALDUS INKS and our internal laboratory test procedures. It is not to be interpreted as a warranty or guarantee in any form as conditions and variables beyond our control can affect the end result.

We recommend press trials when using new substrates and other print related variables for suitability purposes.

We reserve the right to alter any product data as a result of technical or manufacturing processes.

Web: **inks.aldusgroup.com** | Email: **orders.inks@aldusgroup.com** | Tel: **+44 (0)1506 401260**

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