

Description:-

- One-side cast coated boards specifically designed for digital dry toner printing. Super smooth and mirror gloss surface, excellent stiffness and bulk.

Compatibility:-

- Suitable for dry toner Laser printers

Applications:-

- Luxury packaging
- Brochures
- Covers and presentation folders
- Calendars,
- Business cards, invitations, greeting cards
- Invitations
- Tags & tickets
- Many other graphical applications

Properties :-

Property	Units	+/-	170 g/m ²	215 g/m ²	250 g/m ²
Basis weight ISO 536	g/m ²	5%	170	215	250
Caliper ISO 534 μm	μm	5%	207	270	315
Bulk ISO 534 cm ³ /g	cm ³ /g	-	1,2	1,3	1,3
Gloss 20° ISO 2813	%	>	45	45	45
ISO Brightness ISO 2470	%	2	84	84	84
CIE Whiteness ISO 11475	%	7	111	111	111
Moisture Content ISO 287	%	1	5,5	5,5	5,5
L&W Stiffness MD (15°/50mm) ISO 2493	mN	>	50	90	140
L&W Stiffness CD (15°/50mm) ISO 2493	mN	>	30	50	70



Foil blocking: The surface smoothness makes Astralux very responsive to foil blocking and stamping.

Thermography: The heat generated during normal processing should have no adverse effects on Astralux so it makes an excellent choice for this conversion method.

Varnishing: The glossy surface of Astralux does not require varnishing. Varnishing is performed in all those cases where the surface needs to be protected in preparation for subsequent applications. U.V. varnish should be selected with care so as to obtain the same performance both on the printed and unprinted areas. This is an increasingly popular varnishing system with Astralux, the final gloss effect will be produced by the varnish.

Film lamination: You'll get good results with all plastic films: cellulose acetate, polypropylene, PVC etc. This process produces high quality results. Before laminating the main precaution is to eliminate any drying powder during the printing process.

Gluing: Astralux doesn't need particular glues.

Embossing: The surface of Astralux is flexible and extensible so go ahead and use the full range of embossing and die stamping techniques. The surface is resistant to cracking and dies varying depths can be used successfully.

Note: Due to its hygroscopic nature, paper can show curl issues if not conditioned properly. To avoid any issue, we recommend to store the paper closed in its original wrap inside the printing area for at least 24-48 hours. After this conditioning time, the wrapping can be open and the paper can be utilized.