Product name: ENVI Recycled Super Smooth

Mill: Australian Paper - Shoalhaven

Country of origin: Australia

Web address: www.envi.com.au

Technical Specifications

- [ ] Coated Paper
  - [ ] A1
  - [ ] A2+
  - [ ] A2
  - [ ] A3
- [x] Archival Life
- [x] ISO 9706 - Paper for documents Requirements for permanence
- [x] PH Neutral
- [x] ISO 9001 - Quality Management System
- [ ] FDA Approved
- [ ] High Bulk
- [ ] High Opacity
- [ ] Digital Print
- [ ] Inkjet Compatible
- [x] Laser Guaranteed
- [ ] Laser Compatible
- [ ] Waterproof
- [ ] Special Inks Recommended

ENVI Recycled Super Smooth is a high finish, white text and cover range designed for offset applications.

Suitable for specialty print applications and stationary suites including business cards and letterheads.

Laser guaranteed 90GSM to 120GSM - up to 75pp per minute.

Acid free and archival.

	ISO STD	Unit of measure										
Nominal Weight		g/m2	90	100	120	140	280	340				
Thickness		µm	97	108	128	149	295	365				
CIE Whiteness		D65/10	140	140	140	140	140	140				
Cobb 1 min.		g.m2	35	35	35	35	35	35				
Burst		kPa	250	300	350	380	550	580				
IGT		m/s	300	300	300	300	300	300				
Moisture		%	5.5	5.5	6.3	6.3	7.1	7.1				
Roughness		Sheffield	80	80	80	80	80	80				

Last Updated: September 2010

dalton

PRINTING ON UNCOATED SPECIALTY PAPERS

Using different effects and finishing techniques can produce exciting results on uncoated paper. The key to success is having the courage to experiment and be creative. We have put together a few tips on various suitable effects for uncoated paper.

Treatment with a scented varnish lets the printed matter appeal to yet another sense. It's ideal on uncoated paper and there is a vast range of aromas to choose from. Use the scent on limited, selected areas for exciting effects. The scent can be too strong if used on too large an area.

Metallic ink can be used to enhance skin tones and hair in a photograph. Remember that uncoated paper needs more ink than coated paper. A truly great effect can be achieved by printing twice with the same ink. The metallic ink should be applied and left to dry before printing with standard ink.
Use a hybrid screen to secure a natural reproduction of the original picture and to enhance details. The resolution of an image has a greater effect when using a hybrid screen. As always it is important to use the right ICC profiles for the paper.

Using fluorescent ink can create a powerful impact. Fluorescent blue, for example, can make eyes in a photo come alive in an extreme way. Different effects are achieved depending on whether you apply the fluorescent ink first or last. As with metallic inks it may pay to print twice for a truly impressive effect.

Use duplex, black and a PMS colour to get more effect. Remember to run a press proof as it is hard to simulate a PMS ink.

Varnish with a swelling effect can be used to improve the overall impact. Remember not to use the varnish on too large an area, as this can reduce the effect. Apply a primer first to ensure a distinct glossy effect.

Using different screen ruling produces different effects. A dense screen does not necessarily mean a better result. When it comes to fine details, sometimes a less dense screen is better. On uncoated paper 133 lines is often the optimum. A denser screen increases the risk of inksmear and also prolongs the drying time.

Your press operator may need to adjust pressure on the press to ensure an even finish and avoid mottle.