Seaside 4C Process

The Seaside 4 color process series was developed to set and dry extremely fast on coated and especially uncoated paper stocks. Exhibiting an extremely glossy finish, Seaside is an excellent choice for quality conscious commercial printers that need a cost effective process series that will work well in a wide variety of applications.

TECHNICAL PERFORMANCE DATA

- **Seaside Item Numbers**
  - Black: A128157
  - Cyan: A128158
  - Mag: A128159
  - Yelo: A128160

- **Ink Hue/Strength**
  Gans Seaside process series has been certified by PIA/GATF to meet ISO 2846-1 (Commercial Printing) tolerances for Transparency, Hue and Chroma. For printers desiring to print to ISO 12647-2 standards or GRACoL’s G7 methodology, Seaside process will insure your ability to achieve those targets.

- **Ink Tack Readings**
  - Black: 14.5
  - Cyan: 14
  - Mag: 13
  - Yelo: 11.5
  The above tack readings are taken at 1200 RPM, 1 minute, 90° F, Thwing Albert 101 Inkometer.

- **Set Speed**
  Gans Seaside process series rated 375 out of 400 on Gans’ internal scale for set speed on a #1 gloss coated sheet. Considered an ultra-quick set process series, Seaside can be turned within minutes on gloss stock under typical conditions.

- **Scuff-Resistance**
  Overall, this process inkset rated a 28 out of 40 on Gans’ internal scale for scuff-resistance. This test is performed on a #1 gloss coated sheet, 24 hours after printing. Seaside will resist scuffing well on gloss coated paper. Post-processing on matte or dull stocks should be considered, due to the fragile nature of those paper surfaces.

- **Stay Open (Skin Time)**
  Gans Seaside process series will not begin to develop a skin in the can or the fountain for at least 6 days. Extreme ambient temperatures will affect this stay open period.

- **Solid Ink Densities After 24 hrs**
  - Black: 1.70
  - Cyan: 1.35
  - Mag: 1.45
  - Yelo: 1.00
  The above measurement device settings are: Illuminant D50, 2° observer angle, Status T, without polarization or UV filters. Paper white has been zeroed out. Print testing on a #1 gloss sheet, without aqueous coating, has shown a density dryback (in density points) as follows:
    - Black: 19
    - Cyan: 5
    - Magenta: 5
    - Yellow: 2

- **Solid Overprint Trapping**
  At the above solid ink densities on a #1 gloss sheet without aqueous coating, Gans Seaside process series trapped as follows:
  - Red: 76%
  - Green: 87%
  - Blue: 70%

- **Ink Glossiness**
  At a 60° angle Seaside showed a gloss reading of 85.7 units over 340% ink coverage on a #1 gloss coated sheet, without aqueous coating. This series is Gans Ink’s glossiest 4 color process ever! No longer is it necessary to accept a slower set-speed for a glossy appearance, Gans has developed the ultra quick-set technology to allow both higher gloss and the fastest turnaround times possible!

- **Dot Gain @ 50%, AM 175 Line**
  At the above ink densities on a #1 gloss sheet, with no AQ, Gans Seaside printed at the following gain percentages:
  - Black: 22%
  - Cyan: 16%
  - Mag: 16%
  - Yelo: 14%

- **Post Processing**
  This process series is considered finishing friendly and can be UV coated or foil embossed after 48 hours. These inks are considered laser imprintable on uncoated paper, although pre-testing is always required for guaranteed performance.

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If you need faster turnaround times without compromising a rich, glossy appearance, Call Gans today! Seaside is the answer!