



IDEAlliance Proofing System Certification

Job ID: H093

Application Approval: 9/19/08

Manufacturer: GMG Americas

System: GMG ColorProof

Output Device: HP Designjet Z3200

Substrate: GMG ProofPaper Semimatte 250

Certification Category: SWOP Grade 5

Certification Date: September 2008

Test Result :

Criteria	ΔE_{ab}	Pass/Fail	Tolerances
Visual Inspection		Pass	No Level 3 defect.
IT8.7/4 (all)	0.49	Pass	Average $\Delta E_{ab} \leq 1.5$
IT8.7/4 (95 percentile)	1.14	Pass	95th percentile $\Delta E_{ab} \leq 6.0$
Solids	Cyan	0.63	$\Delta E_{ab} \leq 5.0$
	Magenta	0.72	
	Yellow	0.65	
	Black	0.55	
Overprints	Red	1.21	$\Delta E_{ab} \leq 1.5$
	Green	0.43	
	Blue	0.50	
50/40/40 gray	0.61	Pass	$\Delta E_{ab} \leq 1.5$
Paper white	ΔL	-0.11	$-2.0 \leq \Delta L \leq 2.0$
	Δa	0.14	$-1.0 \leq \Delta a \leq 1.0$
	Δb	0.06	$-2.0 \leq \Delta b \leq 2.0$
ADS & Ugra/FOGRA		Pass	Independent Tolerances
Sheet-to-Sheet	1.01	Pass	Maximum $\Delta E_{ab} \leq 1.5$

IDEAlliance hereby certifies the above proofing system

for the   *Certification Program*

Certification Conducted By: R·I·T  **Printing Applications Laboratory**
Solutions for the Printing and Imaging Industries