Color-accurate mock-up creation: GMG Color Management for Epson SC-S80600

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GMG Color Management for Epson SC-S80600 – Repeatable accuracy for mock-up creation

Joint forces: GMG and Epson present a color-accurate approach to mock-ups.

Driven by GMG ColorProof and GMG OpenColor Epson SC-S80600 enables accurate and reproducible proofs on media close to package production substrates. Thanks to reliable calibration and profiling users can easily create specific media profiles for any media used with the printer.
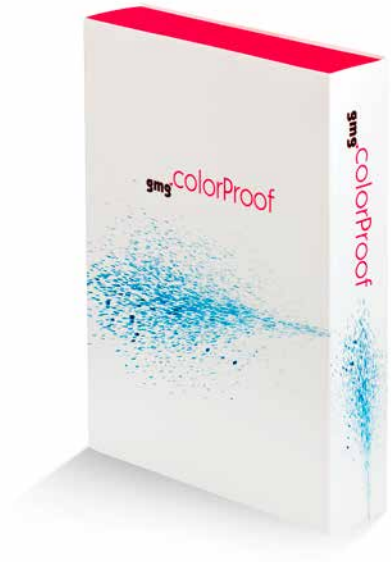
Class-leading hardware: Epson SC-S80600.

Epson SC-S80600 allows proofing to be extended to media close to the look and feel of production substrates. Thanks to an ultra-wide color gamut and superior media compatibility Epson SC-S80600 fulfills the requirements for color-accurate mock-up creation at its best. The printer can be re-calibrated within tight tolerances ensuring consistent performance and color representation.

Epson SC-S80600 advantages:

- Printer can be re-calibrated within tight tolerances
- Reproducible color across different devices
- Extended gamut (Orange and Red)
- Special inks (White or Silver Metallic)
- Support of Epson Cloud media database

GMG ColorProof: The globally recognized standard for quality contract proofing

GMG ColorProof enables you to create color accurate proofs with uncompromising quality and reliability. Its unique calibration technology ensures that the same color can be reproduced anytime and anywhere making it an indispensable tool among leading color management experts.

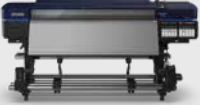# GMG OpenColor: Create precise proof and separation profiles

GMG's award-winning OpenColor technology enables accurate proof simulation of the overprinting effects of spot colors and creation of multicolor profiles – even without test charts. The spectral data calculation accounts for variations in printing technologies, media types and separation order. This way GMG OpenColor creates a powerful CMYK and multicolor press simulation with GMG ColorProof.

Closing the gap
between color-accuracy and look and feel

Improving the color appearance of mock-ups or bringing proofs closer to substrates' look and feel: Epson SC-S80600 and GMG Color Management provide a powerful, versatile and flexible solution.

Common digital Printers for Proofing and Mockup applications

From Proof to Mockup 〉 〉〉〉〉

Printer model	Epson SC-P7000	Epson 7900WT	Solvent CMYK + White + Metallic Printer	UV CMYK + White + Varnish Printer	Epson SC-S80600
Inks	Water-based Extended Gamut	Water-based Extended Gamut + White	Solvent CMYK + White + Metallic	CMYK + UV White + Varnish	CMYK + O, R + White/ Silver Metallic
Substrates	Proof media	Proof Film	Solvent substrate/Film	Production substrate	Solvent substrate/Film
Advantages	• Extended Gamut • Spectroproofer • Can be re-calibrated within tight tolerances	• Extended Gamut • Can be re-calibrated within tight tolerances	• White and Metallic	• White and Varnish	• Can be re-calibrated within tight tolerances • Reproducible color appearance • Extended Gamut • Epson cloud media database
Disadvantages	• No film simulation	• Sensitive ink • White density	• Maintenance • Speed • Small gamut • Proof media not supported	• Maintenance • Speed • Small gamut • Proof media not supported	• Proof media not supported

Calibration Creation Wizard: Mastering the biggest challenge

The biggest challenge in the context of substrate proofing consists in the ever-increasing amount of production stock or special coated production media.

With Epson SC-S80600 and GMG customers are not restricted to a defined media portfolio. The Calibration Creation Wizard provides total flexibility in the choice of media.

Common substrate types:

- Metallic boards
- Metallic foils
- Clear foils
- Transfer film
- Shrink film
- Cardboard
- Paper
- White poly-films

Customers can create mock-ups for use cases as:

- Flexible Packaging
- Corrugated board
- Folding carton/beverage carton
- Labels
- Special applications (cups, tubes, cans)

Software requirements

Software	Version
GMG ColorProof	5.10.1 with OpenColor output License
GMG OpenColor	2.1.15
Epson Driver	Epson SC-S80600

The new Calibration Creation Wizard allows users to quickly create new media profiles ensuring color-consistency and repeatability for any compatible substrate.

- Fully integrated into GMG ColorProof and GMG OpenColor
- Management of output conditions in GMG OpenColor
- Streamlined configuration of printing parameters
- Test form for visual evaluation
- Print and measure test chart
- Automatic synchronization of GMG OpenColor and GMG ColorProof

Create high quality Mock-ups in less than one hour

	Features	Advantages and Benefits
Epson SC-S80600	• Ultra-wide color gamut • Superior media compatibility • Can be re-calibrated within tight tolerances • Epson cloud media database	• Proofing can be extended to media close to the look and feel of production substrates • Consistent performance and reproducible color representation across different devices • Hundreds of signage media profiles ready to be imported into GMG ColorProof
GMG ColorProof	• Fail-safe RIP/Driver • Unique calibration concept • Workflow automation • Manual Job Manager	• Stability and consistency • The same color can be reproduced anytime and anywhere • Uncompromising quality and reliability • Maximum production efficiency • Easily adapt image size and position
GMG OpenColor	• Multicolor profiling based on spectral data calculation • Onboard characterizations and spot colors • GMG Ministrip technology • Prediction model for overprints • Unique color correction tools to adjust density, dot-gain and colors • Profiles are synchronized with GMG ColorProof	• Accounts for variations in printing technologies, media types and separation order • Color database • Create profiles without measuring • Characterize with minimum time effort • Accurate calculation of the overprinting effects of colors • Straightforward adjustment • Maximum efficiency in Color Management
Calibration Creation Wizard	• Create media profiles for any substrate used with the printer • Streamlined configuration of printing parameters • Testform for visual evalution • Print and measure single page test-charts with any supported device • Fully integrated into GMG ColorProof and GMG OpenColor with automatic synchronization	• Total flexibility and media compatibility • Fast and easy creation of media profiles • Quick quality validation • Create everything from one place

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