

Projector Color Recalibration

01 / Prepare your actual viewing conditions

Let the coating fully cure according to its instructions. Set your usual room lighting, warm up the projector as its manual directs, and save your existing settings. Align and focus the image. Select a Cinema, Movie or accurate picture preset; menu names vary by model.

02 / Balance the picture on your finished surface

Display neutral grayscale and color test patterns. If your projector offers wall-color correction, select the closest surface color first. Use color temperature and white balance to reduce an obvious warm, cool or green cast. Start near D65 / 6500 K where available. Make small changes and recheck grays and natural skin tones. Use a meter or professional calibration for precise RGB gain, offset and color-management adjustments.

03 / Check detail, then save

Use black-level and white-level patterns to adjust Brightness and Contrast without crushing shadow detail or clipping bright detail. Light Output or lamp/laser power controls overall output on many models; it is not the same as the Brightness control. Recheck color, save a dedicated preset, and repeat for each input and SDR/HDR mode you use.

Know the limits

A colored surface changes the spectrum and amount of reflected light. Calibration can reduce a color cast, but cannot restore light or colors the surface absorbs. Dark or saturated colors may need more projector output and may limit color accuracy. There is no universal RGB correction for a paint name or color code. Test a sample with your projector before coating the full surface.

Need help?

800.236.8015 | sales@paintonscreen.com | paintonscreen.com

General setup guide; follow your projector model manual. Reference: Epson official projector guides, Image / White Balance / Color Temperature settings.