How To Use Screen Goo Colours Tints

An ideal projection surface will contain no colour of its own and will reflect all of the colours produced by a projector in a uniform and predictable manner. Ordinarily an ideal projection surface will appear white or grey when projector light is absent and the surface is reflecting room light. This is perfectly appropriate in a dedicated projection space, but what about multi-purpose areas?

Being able to add colour to the surface being projected on makes it easier to design projection systems for the types of environments where aesthetic qualities are as important as functionality. A few examples:

- Boardrooms and Conference Rooms
- Museums
- Gyms
- Churches, Event Halls and Auditoriums
- Restaurants
- Nightclubs and Bars
- Retail Spaces
- Family Rooms

Screen Goo **Colours** is a line of 15 different tints designed for use with Screen Goo Reference White Finish coat. Each of the tints have a specific mixing ratio which, when applied correctly, results in a finished surface with a percentage of reflectance roughly equivalent to that of our High Contrast coating system.

All of the characteristics that make Goo screens so widely enjoyed, and so well reviewed, are present in a **Colours** tinted surface: excellent image uniformity, extremely wide viewing angles, exceptional image depth and dimensionality.

Screen Goo **Colours** give projection designers, architects, interior designers and home projection enthusiasts more freedom to design and create projection surfaces that double as aesthetically pleasing design elements.

While a tinted surface alone will not accurately reflect the colours produced by a correctly calibrated projector, fortunately, current projection and computer technology make compensating for a reflective surface's colour inaccuracies a fairly straightforward proposition. All of the colours produced by a projector are ratios of three primary colours: red, green, and blue. By altering the ratio of red, green, and blue in the signal being fed to the projector, we can create the reciprocal of the reflective surface's colour inaccuracy. Combining the two equal and opposite inaccuracies results in the display of a colour correct image.

The [Datacolor Spyder4 Elite](#) system provides an inexpensive and easy to use set of tools that will allow the user to create a Windows Color Profile that will result in a colour correct image when projected on to a Goo **Colours** tinted surface. We've already created Windows Colour Profiles for all 15 Goo **Colours** tints for a wide range of Panasonic projectors. These can be downloaded and applied to Windows based display sources (available on request), and even more profiles are forthcoming.

Simply install the Datacolor software, follow all of the instructions and start enjoying correct colour reproduction on a surface that will look great when the projector is off and the lights are on!