

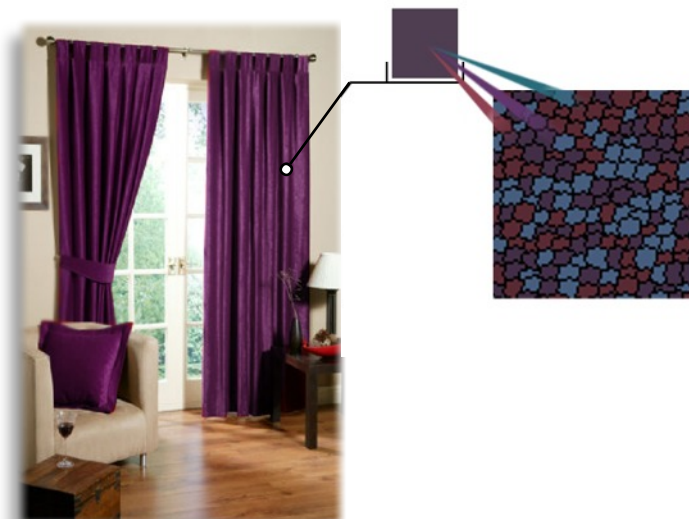
# APP1110

## Main color reconstruction

- ✓ Textile
- ✓ Color measurement
- ✓ Software reconstruction

Complexity

1 2 3 4 5



### TECHNICAL FEATURES

- *Color measure in Lab color space using handheld instrument*
- *Database colors mixing percentage configurable by the end user*
- *Database update via USB 2.0*

## 1 CUSTOMER NEEDS

Generation of a virtual texture that reproduces the measured average color, created using the available database colors.

- Configurable mixing parameters
- Handheld device

## 2 SOLUTION

EOPTIS developed a system composed by a handheld colorimeter, that can be used with any Windows-based PC, and a custom software. The user can easily update the colors database, used by the software to generate the virtual texture, and set various mixing parameters (mix percentage, fixed colors, ...).

- Easy to use device
- Simple update of the colors database
- On-screen visualization of the generated pattern

## 3 BENEFITS ACHIEVED

The selection process of the texture colors, and the production of textile test patterns, was optimized thanks to EOPTIS automatic system.

- Increased production efficiency
- Simplified interface between the production company and the interior designer
- Decreased costs