

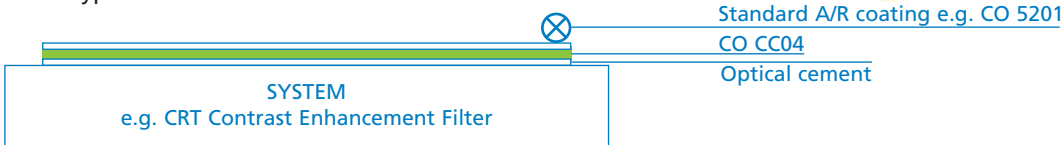
# Visible Conductive Coating

## CO CC04

Low reflectivity conductive coating

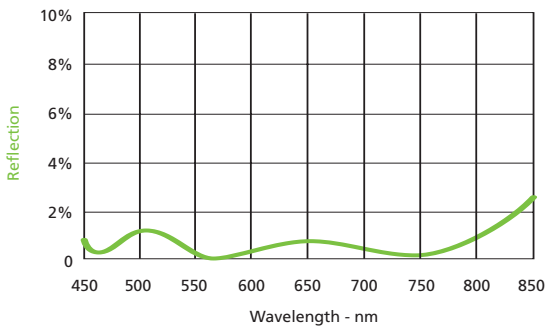
### DESCRIPTION

This coating is designed for systems to give EMC protection, where contrast enhancement and low reflectivity are also required. It can be cemented to an existing system to give EMC protection. Typical use of CC04 is shown below.



### SPECTRAL PERFORMANCE

Typical spectral performance is shown below.



### SHIELDING CHARACTERISTICS

Typical shielding performance is as follows.

KHz		MHz			GHz		
10	100	01	10	100	01	10	Frequency
140	125	100	85	60	45	30	Shielding (dB)

### EARTHING OF COATING

This is achieved using a conductive busbar around the perimeter of the substrate, the size of which can be made to your exact requirements. If desired, earthing leads can be soldered to the busbars.

### ENVIRONMENTAL PERFORMANCE

The coating will pass the following tests:

Adhesion	MIL C-48497	Para 4.5.3.1
Humidity	MIL C-48497	Para 4.5.3.2
Abrasion	MIL C-48497	Para 4.5.3.3
Salt Solution	MIL-C-48497	Para 4.5.5.2