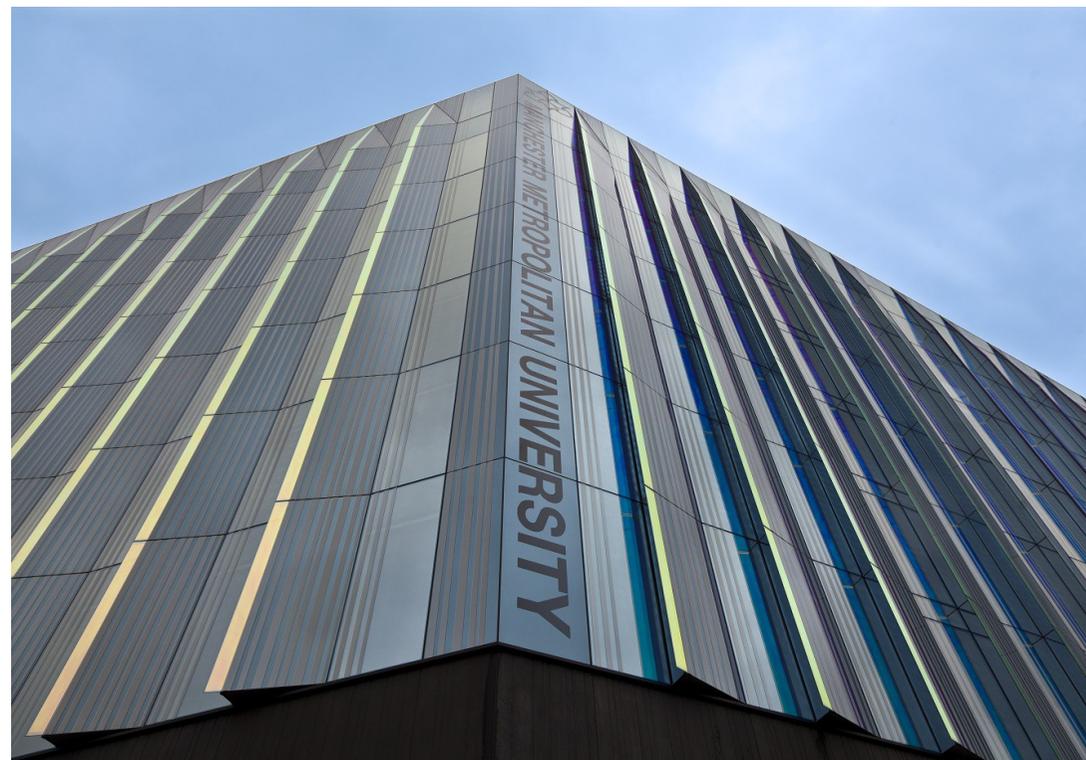
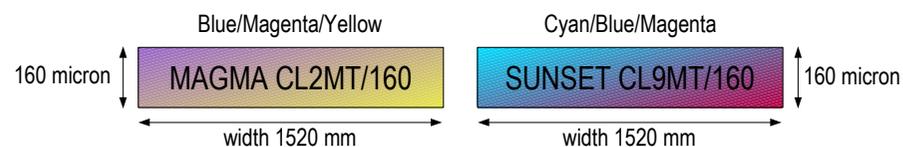


Dichroic glass with ChameleonLAB™ innovation

The ChameleonLAB™ dichroic films contain multiple micro-layers which give it dichroic optical properties. The main characteristic of the dichroic film is, that it has a particular transmitted colour and a completely different reflected colour, as certain wavelengths of light either pass through or are reflected. This causes an array of colour to be displayed. The colours shift depending on the angle of view.

The two standard ChameleonLAB™ films are:

- MAGMA
- SUNSET



project Manchester Metropolitan University . Laminated dichroic glass with ChameleonLAB™ dichroic film

Additionally available ChameleonLAB™ film types:

CLEARBLUE MAGMA CL2BL35/120

CLEARBLUE SUNSET CL9BL35/120

CLEARGREEN MAGMA CL2GN35/120

CLEARGREEN SUNSET CL9GN35/120

BLUE SALMON CL2WM-MT/200

BLUE OYSTER CL9WM-MT/200

COPPERGOLD BLACK BACK CL2BK/120

SMARAGD BLACK BACK CL9BK/120

AQUABLU WHITE-BACK CL2WT-P/120

SALMON WM2WM/120

OYSTER WM9WM/120

COPPERGOLD BLACK-BACK CL2BK-P/120
(45% PERFORATED SCREEN VERSION)

DICHROIC GLASS

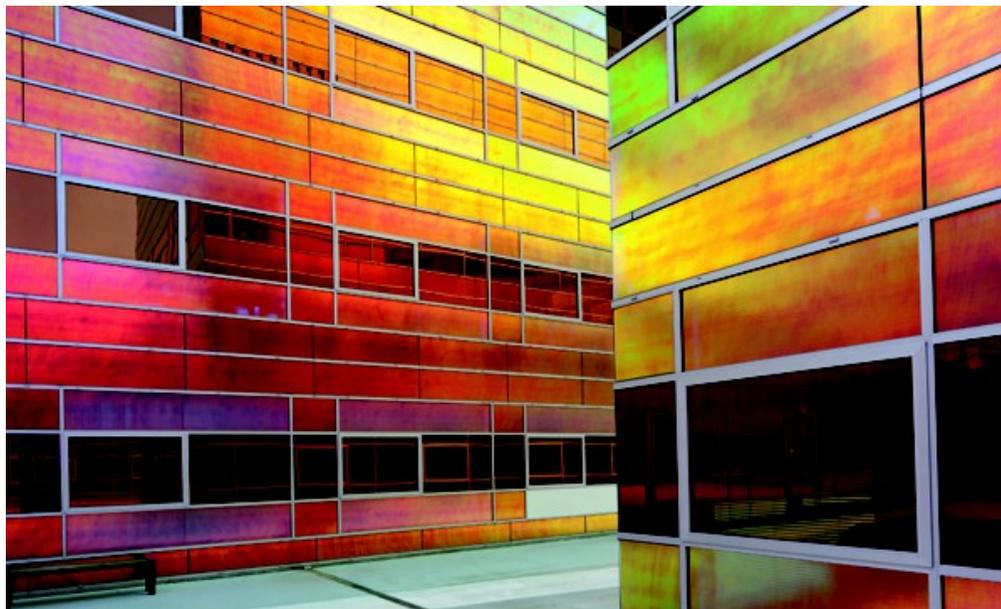
The ChameleonLAB™ film can be perforated and be combined with all sorts of glass, i.e. float glass, patterned glass or acid etched glass as well as with different colours. That way a lot of exciting and unique effects can be created.

The film can either be applied on face 2 for spandrel applications or be laminated between 2 sheets of glass.

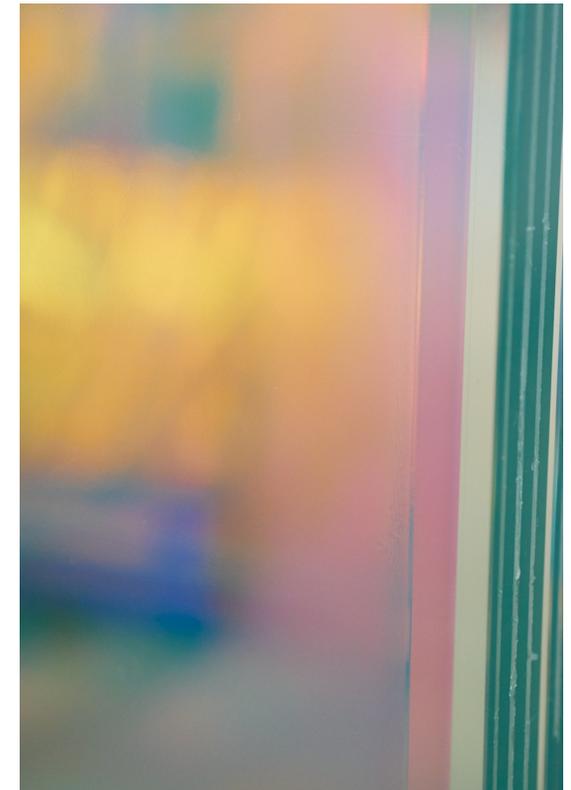
For face 2 applications the ChameleonLAB™ film has to be cut back in the edge areas so that the inner sealing lip has no contact to the film edge. The outer sealing lip has to cover the visible gap between the inner sealing lip and the film edge.

When laminating the ChameleonLAB™ film between glass the film is exposed to heat. Depending on the required layers of glass and/or lamination film the heat exposure may result in a visible shrinking of the film. This is generally the case when laminating with PVB or Sentry. The shrinking is most visible at the short ends. The lowest grade of visibility is achieved by using special process technology. The visibility also depends on the viewing angle and lighting situation.

Another characteristic of the ChameleonLAB™ film can be referred to as flames:



project La Defense . spandrel application



visible shrinking of ChameleonLAB™ film at short end of glass fin

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