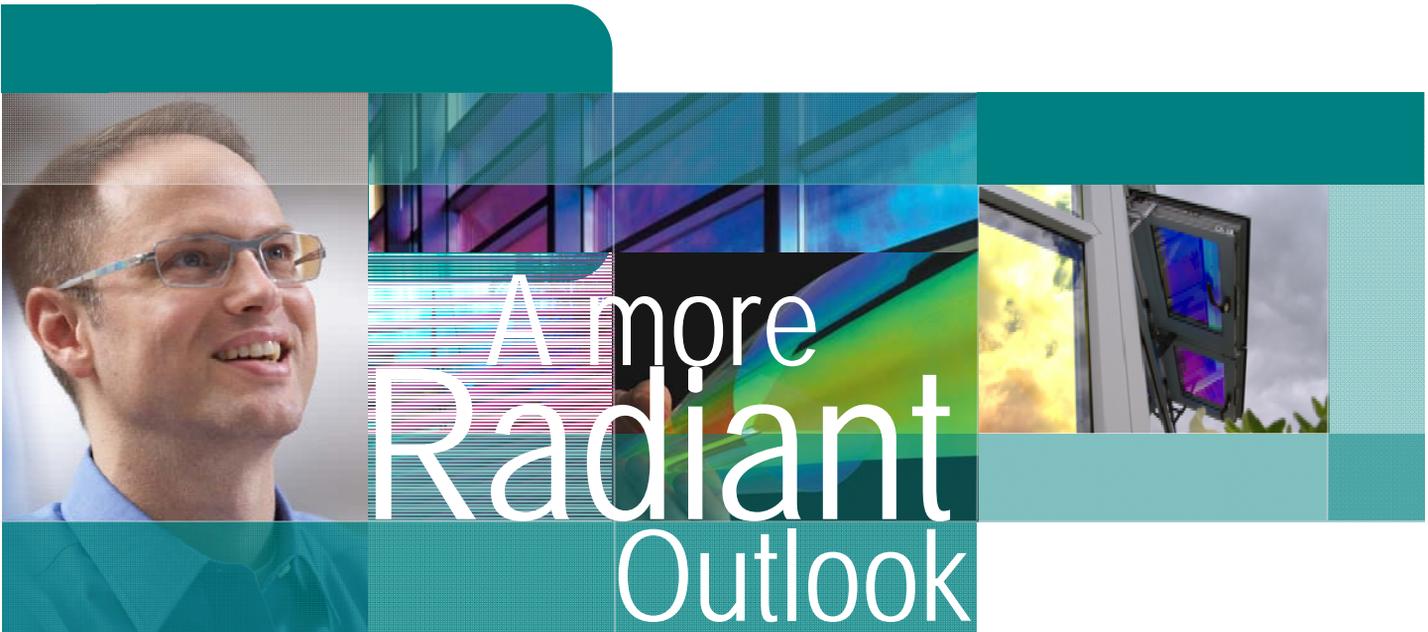




SOLARSHIELD
Solutions for Glazing



Imagine a film which creates a myriad of colour – a film which changes colour when you look at it from different angles – a film which gives outstanding optical reflective properties – a film which can create excitement and vibrancy around you...

Combining precise layers of polymer materials with different reflective properties, 3M™ Scientists have produced a film engineered to obtain unprecedented levels of colour and vibrancy and have now developed a laminated product construction which includes a hard-coat to provide scratch and scuff resistance to introduce a unique decorative film which can be applied to the inside of glass panels, interior office partitions, and also used in shop-fitting, display, signage and exhibition stand design.



3M™ Blaze/Chill Decorative Radiant Light film presents designers and architects with a unique opportunity to work with Dichroic film in new and innovative ways – adding the film to windows or interior glass panels in new-build or building refurbishment projects.

Creating a visually stunning environment with an ever-changing colour spectrum, depending upon the position and intensity of the light source.

Radiant Light has been tested for compliance to BS476 Part 6 (Method of Test for Fire Propagation for Products) and BS476 Part 7 (Method for the Classification of Surface Spread of Flame for Products) and has been found to satisfy the requirements of both tests.

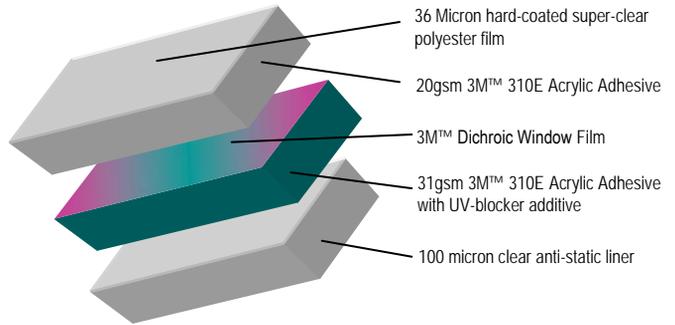
The product also carries a three-year warranty, making it an ideal opportunity to specify a new approach to decorative environments.

A More Radiant Outlook ... it is only when you experience 3M™ Dichroic Film applied to glass or other substrates, you begin to appreciate the endless colour effects from both the film and the environment in which it is used – the brilliance of the effects when viewed in sunlight, or the more subtle effects achieved in ambient light.



1

3M™ Dichroic Window Film Product Construction



3M™ Dichroic film is a laminated construction, based around 3M™ multi-layer polymeric film. A hard-coated 36 micron super-clear polyester has been laminated to the radiant film surface to provide scratch-resistance during application and subsequent cleaning. To provide a strong bond to the inside of glass panels, a UV-blocker additive has been included to minimise any effect UV light may have on the adhesive. For ease of handling and product stability, a 100 micron anti-static liner is provided - also an aid during application of the film.



2



3

- 1: By viewing the applied film from different angles, a whole myriad of colour effects can be experienced.
- 2: A unique lighting effect is provided when 3M Dichroic Blaze or Chill is applied to interior glass partitions.
- 3: The film can transform a building with colour & reflection in all light environments, including sun or ambient light
- 4: Stunning light effects and reflections can be achieved in outdoor applications such as this modern church



4

Specification of 3M™ Dichroic Film: Installation of the Decorative Film to be 3M™ Dichroic film Reference 3M Blaze or Chill, the film is to have a clear hard-coat for scratch resistance and to be fitted to the inside of the glass by the 3M UK Master Window Film Dealer Solarshield. The Approved Installer in accordance with 3M™ Technical Bulletin.

Warranty – 3M™ Dichroic film is warranted for 3 years from the date of installation. This warranty is valid where the film has been applied by Solarshield (The 3M UK Master window Film Dealer)



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Product Technical Characteristics and Application Method:
Please request a copy of our 3M™ Dichroic film Blaze/Chill Technical Bulletin, which outlines the product's technical properties, compliance with BS476 parts 6 and 7 and also provides comprehensive information relating to the installation of the film to glass surfaces.



3M Authorised Distributor

3M™ is a trademark of 3M Company

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