

Press release

7th December 2009

Chiltern International Fire tests innovative Eyeliner holographic foil from Musion Systems

Chiltern International Fire (CIF) has carried out reaction to fire testing on a fire-retardant clear holographic projection foil for Musion Systems Ltd, comparing Musion's patented 'Eyeliner Foil' technology with non-fire retardant samples.



Musion had commissioned the testing because of concerns over safety. Ian O'Connell, Musion Director, explained: 'Holographic projection is still a new technology. Increasingly, advertisers are creating 3D holographic effects on an invisible polyester foil screen to enable a live audience to see people or products on a real stage when they are not actually there.' Shopping centres are one of the prime venues for this type of advertising, where large crowds may quickly gather to see 'live' bands and celebrities.

The Musion Eyeliner foil, which contains a fire retardant, achieved a European class B in accordance with EN 13501-1. CIF Head of Section, Fire Behaviour Philip Howard said, 'In EN ISO 11925-2 single flame ignitability (SFI) tests, which are part of the test programme, none of the Musion Eyeliner flame retardant samples reached the fail criteria. On application of the flame the product melted away from the flame application point and self extinguished. On the other hand, on ignition of the non flame-retardant samples, flame spread was rapid and very little of the specimen remained.'

Ian O'Connell stressed, 'The screen may appear to be invisible to the watching audience, but it can be extremely combustible, as our testing with Chiltern

International Fire has demonstrated. Our test evidence will help us to raise awareness of the concerns we have regarding public safety.'

- For further information on reaction to fire testing with Chiltern International Fire please call 01494 569800 /email poward@chilternfire.co.uk

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