

# **3M** Scotchshield™ Safety & Security Film

## **Australian Standards for Glazing Materials in Buildings**

Issued August 2005

### **AS 1288-1994 Glass in buildings-Selection and installation** **AS/NZS 2208:1996 Safety glazing materials in buildings**

AS 1288 designates the use of glass in buildings. In areas where glass is likely to be subjected to human impact, as defined in that standard, it requires that the glass shall be safety glass. AS/NZS 2208 defines the requirements of safety glass, and the test method for classification of safety glass.

There are several types of glass that can meet the specification in AS/NZS 2208. These types of glass include toughened glass, laminated glass and organic-coated glass. Organic-coated glass is defined as a glazing material that has a continuous poly-metric coating bonded to one or both sides. Normal (annealed) glass, with 3M™ Scotchshield™ Safety and Security Film applied, constitutes an organic-coated glass.

In many cases where glazing requires an upgrade to safety glass, 3M Scotchshield Safety and Security Film can be applied to bring it into line with AS/NZS 2208. In these cases, the application of 3M Scotchshield Safety and Security Film means that the actual glass need not be replaced.

When applied by a 3M Licensed Installer to 3mm, 4mm or 6mm annealed glass, 3M™ Scotchshield™ Ultra Series 400 and 600 Films and SH7CLARL films meet the 'Grade A' impact requirements of AS/NZS 2208:1996, including Amendments 1 and 2.

The CSIRO Division CMIT were engaged to conduct impact testing of 3M Scotchshield Safety and Security Films to confirm their compliance with AS/NZS 2208.

Official CSIRO Report Numbers are as follows.

DTG542A	SCLARL600
DTG542B	S35NEAR400
DTG542C	S50NEAR400
DTG542D	S50NEAR400
DTG542E	S35NEAR400
DTG542F	S20SIAR400
DTF553	SCLARL400
DTF623	ULTRA400
DTF624	ULTRA600
DTF625	SH7CLARL
DTF631	SH7CLARL

If you have any further queries in regard to 3M Scotchshield Safety and Security Films, please contact 3M Customer Service on 136 136.

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