

Glass safety standards

The two Australian Standards affecting the installation of flat glass safety and security film are AS/NZS2208:1996 and AS1288:2006.

AS2208:1996 concerns the procedure for testing the safety of glazing materials after breakage. There are two types of safety glazing certification specified in AS/NZS2208, Grade A and Grade B, of which Grade A is the higher level certification.

WFAANZ distributor members have attained Grade A safety glazing certification for their 100 micron (4 mil) safety films and thicker.

Product compliance to AS/NZS2208 is the responsibility of the window film distributor, not the installer. It is also the responsibility of the distributor to make available to installers the compliance labels shown below.

**WFAANZ / "SUPPLIER X"
OC-AS/NZS 2208
GRADE A - COMPLIANCE
WHEN INSTALLED
IN ACCORDANCE
WITH AS 1288-2006
SECTION 5**

Each sticker is 27mm wide and 20mm high. They are provided in sheets of 20

It is the responsibility of the tinter to apply these labels to each pane of glass when installing safety and security film in accordance with AS1288-2006 Section 5, Criteria for Human Impact (this section requires glass in human impact risk positions - e.g. doors, low level windows, shopfronts, etc. - is safety glass that will break safely).

All tinters should have a thorough understanding of these two standards if they affect their business.

Label availability

WFAANZ produces the Grade A safety labels and supplies them to Australian window film distributors. It is left to the discretion of the distributor as to whether they then sell the labels or provide them free of charge to tinters.

The application procedure regarding the labels is covered under AS1288, with some tips provided below.

APPLICATION

- AS1288 requires **each** pane to be permanently labelled as safety glass with a safety label
- Safety labels (or compliance stickers) must be adhered to a corner of the pane prior to the window film installation
- Window film is then installed over the sticker, ensuring its permanency
- Client's may also ask for a hard-copy certificate of compliance. This is not an AS1288 or AS2208 requirement but WFAANZ distributor members can provide these if required
- AS1288 requires most glass within 1m of the floor to be Grade A safety glass, so if the bottom of the glass pane is within 1m of the floor then the whole pane must be filmed. Do not install only a strip of film along the bottom of the pane to cover just the glass area that is within 1m of the floor

MANIFESTATIONS

- AS1288 section 'Making Glass Visible (Manifestation)' helps prevent people walking into the glass because they can't see it
- An opaque window film may be installed as a strip across the glass and this can also be computer cut with logos or decorations. Clause 5.19 covers what is permissible in detail. A word of caution, buildings where the BCA requires access for people with disabilities have different requirements for manifestation and these are detailed in AS1428.1.



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