

CUSTOMER TECHNICAL MEMO # 200

Subject: Bushfire BAL40 Compliance Products

Date: 31/1/2014

Bushfire requirements are an ongoing threat during the summer season. Alspec have address the issues in building towards a bushfire prone area to achieve a BAL40 condition by means of a deem to satisfy method. This method follows strict guidelines as per AS3959-2009 in which the following products are now compliant.

Commercial Sliding/Pro Glide Door

- Door handle must be metal, Onyx, Yarra, 3541, 5541 Pull Handles.
- 6mm toughened glass using GR61FR glazing channel (1376071) on panel.
- 24/25mm IGU with minimum 6mm toughened on outer pane using GRS25FR glazing channel (1376110) on panel.
- All mohair seals replaced with QL69400FR Fire retardant QLON (1377896)
- Both Fixed & Operable panel must be screened externally in a closed position with stainless steel or bronze mesh.

Note: two screen tracks could be used AD759/AD760/AD761.

Hawkesbury Bi-Fold Door

- Door handle must be metal, 3582P & Killara.
- 6mm toughened glass using GR3FR glazing wedge (1376067) on both sides of panel.
- 24/25mm IGU with minimum 6mm toughened on outer pane using GR2FR (1376068) & GR3FR (1376067) glazing wedges on panel.
- CE23 replaced with CE23FR on outer face stile only.
- AQ21 replaced with AQ21FR (1377600) on frame.
- All glass within 400mm of the ground floor must be screened with stainless or bronze mesh. i.e. Kidsafe (SS Mesh) or Invisi-Gard screens covering a minimum of 400mm from the bottom of frame.

McArthur Frames

- 6mm toughened glass using GR3FR glazing wedge (1376067) on both sides of panel.
- Fixed panel must be screened externally with stainless steel or bronze mesh. Example Kidsafe (SS Mesh) or Invisi-Gard screens

Swan/Torrens Hinge Door

- Door handle must be metal, 3582P, Killara, 3541, 5541 Pull Handles.
- 6mm toughened glass using GR3FR glazing wedge (1376067) on both sides of panel.
- 24/25mm IGU with minimum 6mm toughened on outer pane using GR2FR (1376068) glazing wedges on both sides of panel.
- DB1 Door Stop Rubber replaced with DB1FR (1376412)
- Door panel must be tight fitting. This requires a bottom rebated threshold AS2366 or AS2370 thresholds. Flat or disabled threshold would not comply due to exposed gaps under the door.
- All glass within 400mm of the ground floor must be screened with stainless or bronze mesh. i.e. Kidsafe (SS Mesh) or Invisi-Gard screens covering a minimum of 400mm from the bottom of frame. Note: Alternative is to have a full screened Invisi-Gard door. Example Air Flo Hinge Door frame with integrated screen provision or plant on screen adaptor (HD15 or HD27).

If you have any questions please do not hesitate to contact your local ALSPEC Area Manager or Sales Office.

Regards,
Product Development