

GAS SAFETY RECALL



CFM Fans Fire Resistant Board

Defect:

A fire risk may potentially exist where CFM Fans Fire Resistant Board (FRB) has been used to protect a combustible surface from heat from gas appliances that are installed directly adjacent to the combustible surface where the combustible surface would otherwise reach a temperature rise exceeding 65°C. In particular for commercial catering appliances where gas appliance flueways are located adjacent to stainless steel splashbacks in commercial kitchens.

Hazard:

CFM Fans FRB Board 9mm, was tested and found not to comply with AS/NZS 5601 Appendix C section 2(c) that requires all Fire Resistant Material to have a maximum heat transfer coefficient of 20 W/m².K.

FRB 9mm has a Heat Transfer Coefficient greater than that limit when tested by itself and consequently cannot be classified as a Fire Resistant Material under AS/NZS 5601 Appendix C section 2(c).

However, if FRB 9mm is installed with 10mm thick gyprock plasterboard that will constitute an Acceptable Method for Protection of Combustible Surfaces under Table C1 of Appendix C of AS/NZS 5601.

In particular testing undertaken by a NATA accredited laboratory on behalf of CFM has verified that installation of FRB 9mm in combination with a composite splashback consisting of 0.55 stainless steel splashback over 10mm gyprock plaster board (Blue Board) constitutes such an Acceptable Method under Table C1.

Consequently installations with stainless steel splashbacks, 9mm FRB plus 10mm gyprock plasterboard do not require any rectification work as they pose no risk of fire.