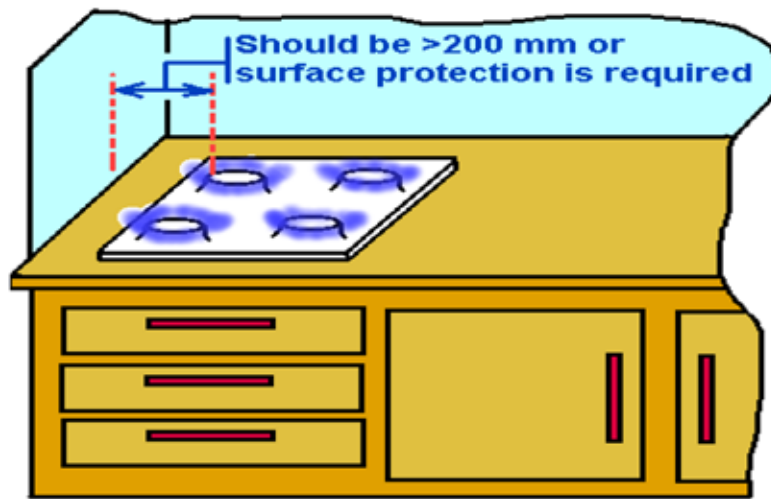


## Gas note: protection of combustible materials near residential gas cookers

This information sheet applies only to cooking appliances in residential premises. It does not apply to commercial premises.

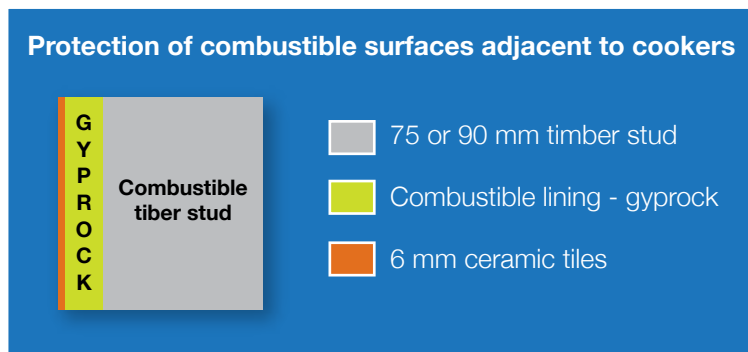
Provided the clearance from the nearest burner to an adjacent combustible wall is 200 mm or greater, the installation will be deemed acceptable.



If the clearance is less than 200 mm, the Australian Standard for Gas Installations, AS 5601, requires that the surface temperature of adjacent combustible surfaces does not exceed 65°C above ambient.

The standard suggests that the fixing of 5 mm thick ceramic tiles to the surface would satisfy this requirement.

Fig 1 - Ceramic tiles



### Stainless steel or glass feature walls near gas cookers

Special care needs to be taken when stainless steel or toughened glass is to be used as a wall material or wall covering near a gas cooking appliance.

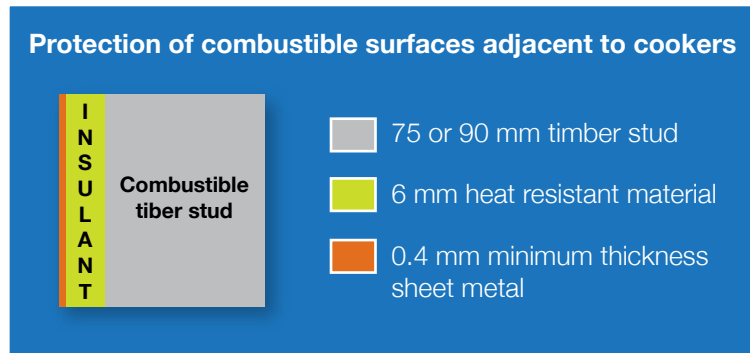
Provided the clearance from the nearest burner to the stainless steel or glass wall is 200 mm or greater, the installation will be deemed acceptable.

If the clearance is less than 200 mm, then for:

#### 1. Stainless steel

- a) the wall must not contain combustible materials; or
- b) the surface of the wall is to be protected as per AS 5601 Clause 5.12.1.

Fig 2 - Sheet metal



#### 2. Toughened glass

- a) a letter is to be supplied by the architect, designer, glass supplier or glass manufacturer indicating that the glass is fit for purpose at the clearance stated: and
- b) if the glass is affixed to a combustible surface, that surface is to be protected as per AS 5601 Clause 5.12.1.

Notes:

- 1. The intent of (b) may be met if documentation is provided to the effect that the fixing method will ensure the temperature of the combustible surface will not exceed 65 C above ambient during normal operation.
- 2. The recommended **minimum** clearance from the nearest burner to the surface of the glass is 140 mm.

Fig 3 - Glass

