

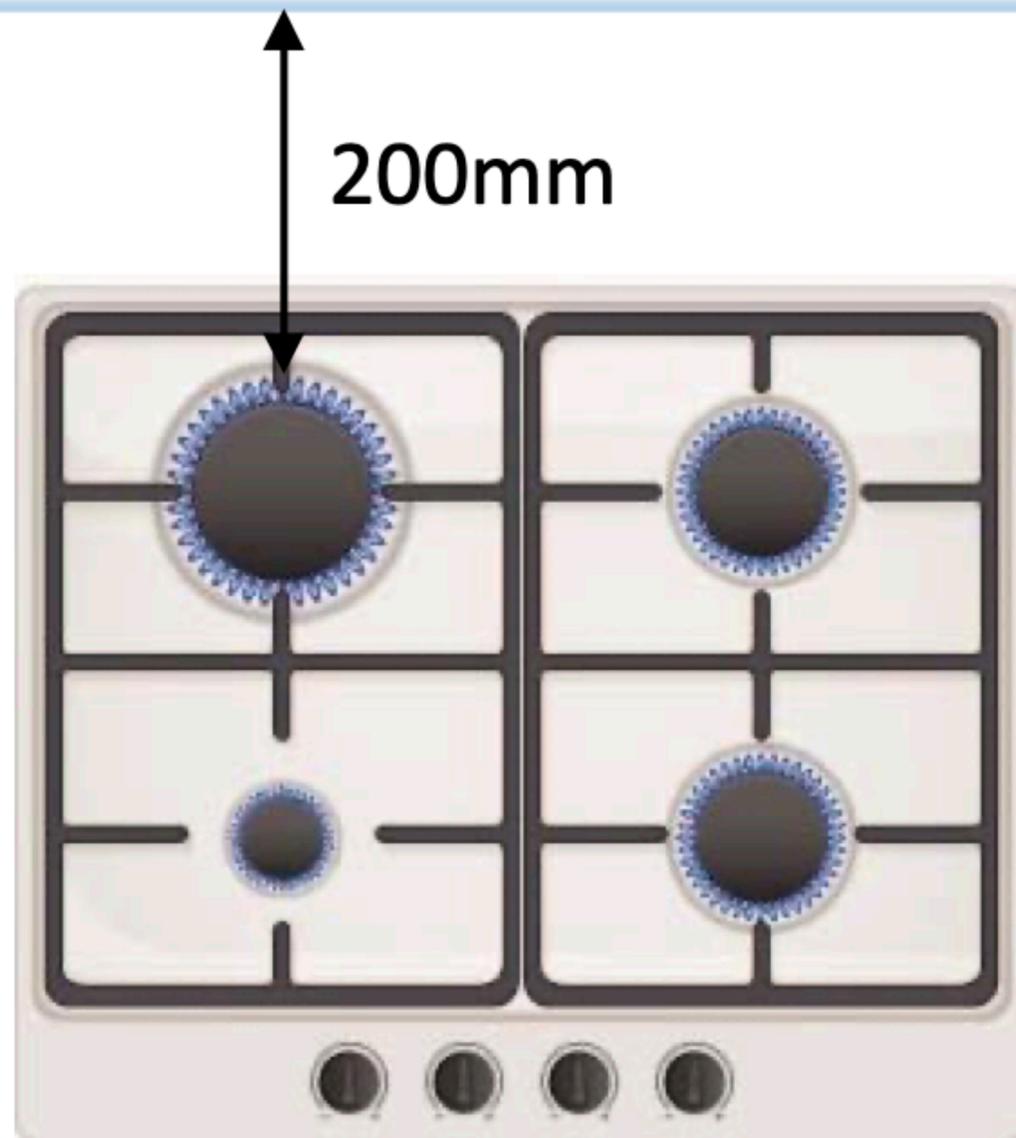


# SPLASHBACK TECHNICAL GUIDE

\*Information about Surface clearance requirements is from the HIA website: Click [here](#) to view

AC Stone Sales Team July 2023 @ Melbourne

# For gas cookers & engineered stone splashback



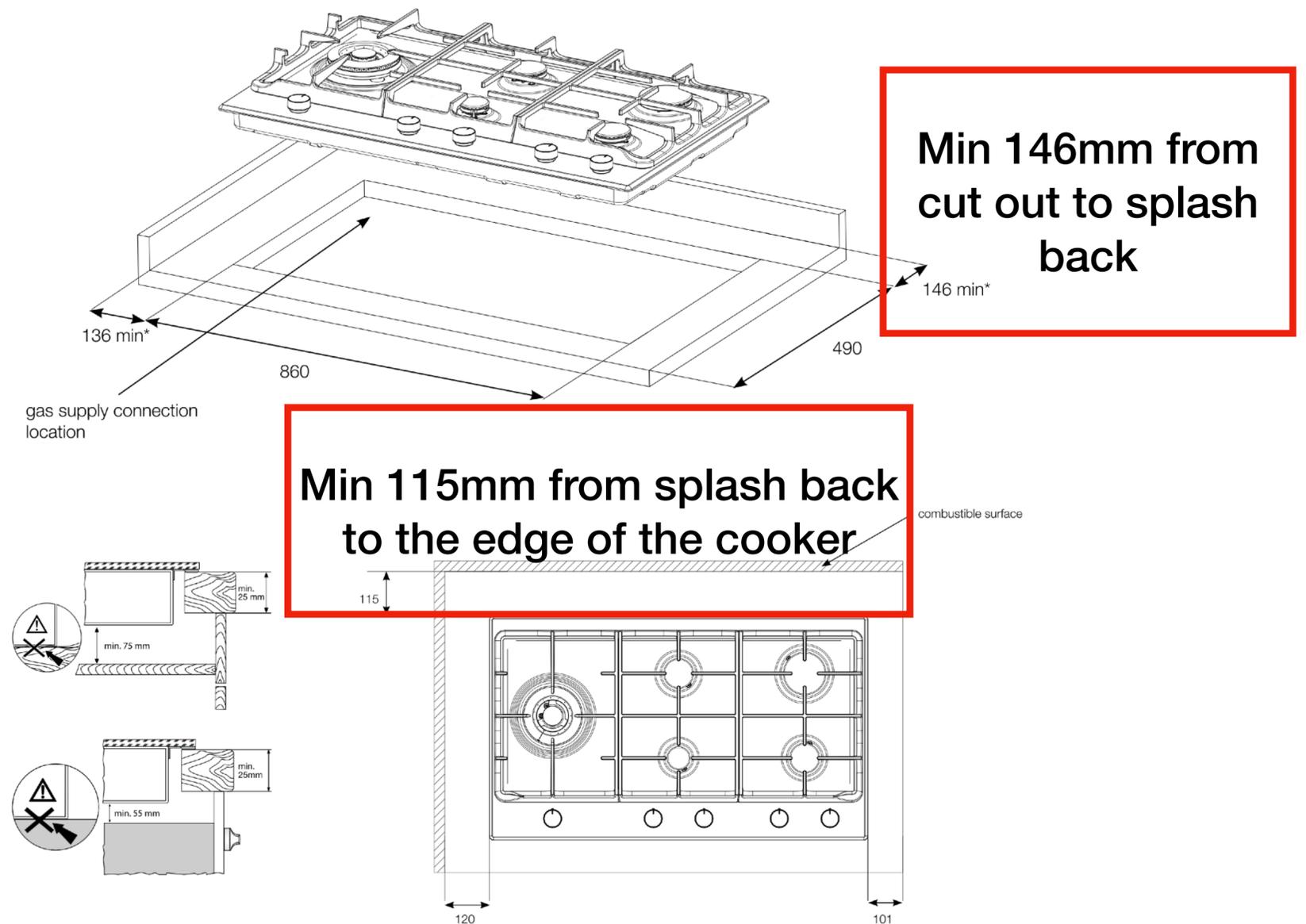
The Standard requires surface protection where the periphery or edge of the nearest gas burner is less than **200mm** from the nearest vertical combustible surface.

— —AS 5601/AG 601 Gas Installations

# For gas cookers & engineered stone splashback

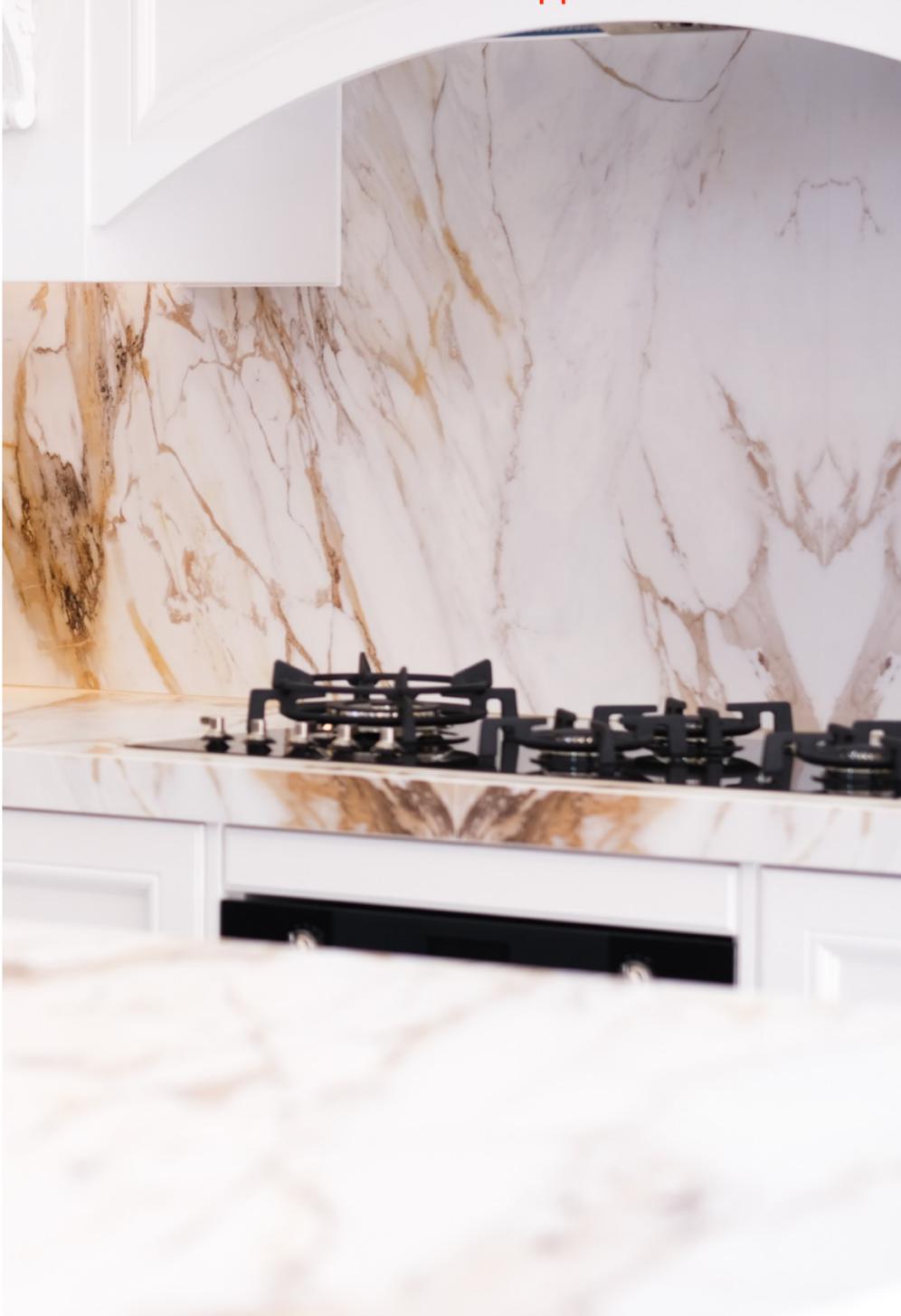
Check the gas cooker manufacturer's documents; the suggested minimal distance will be outlined.

Take Electrolux EHG955BE as an example:



# For gas cookers & porcelain/glass/metal splashback

There are no specific requirements for the installation of electric hotplates in AS/NZS 3000 but it is noted generally that electrical equipment, including appliances should be installed to ensure there is no danger of fire or high temperature.

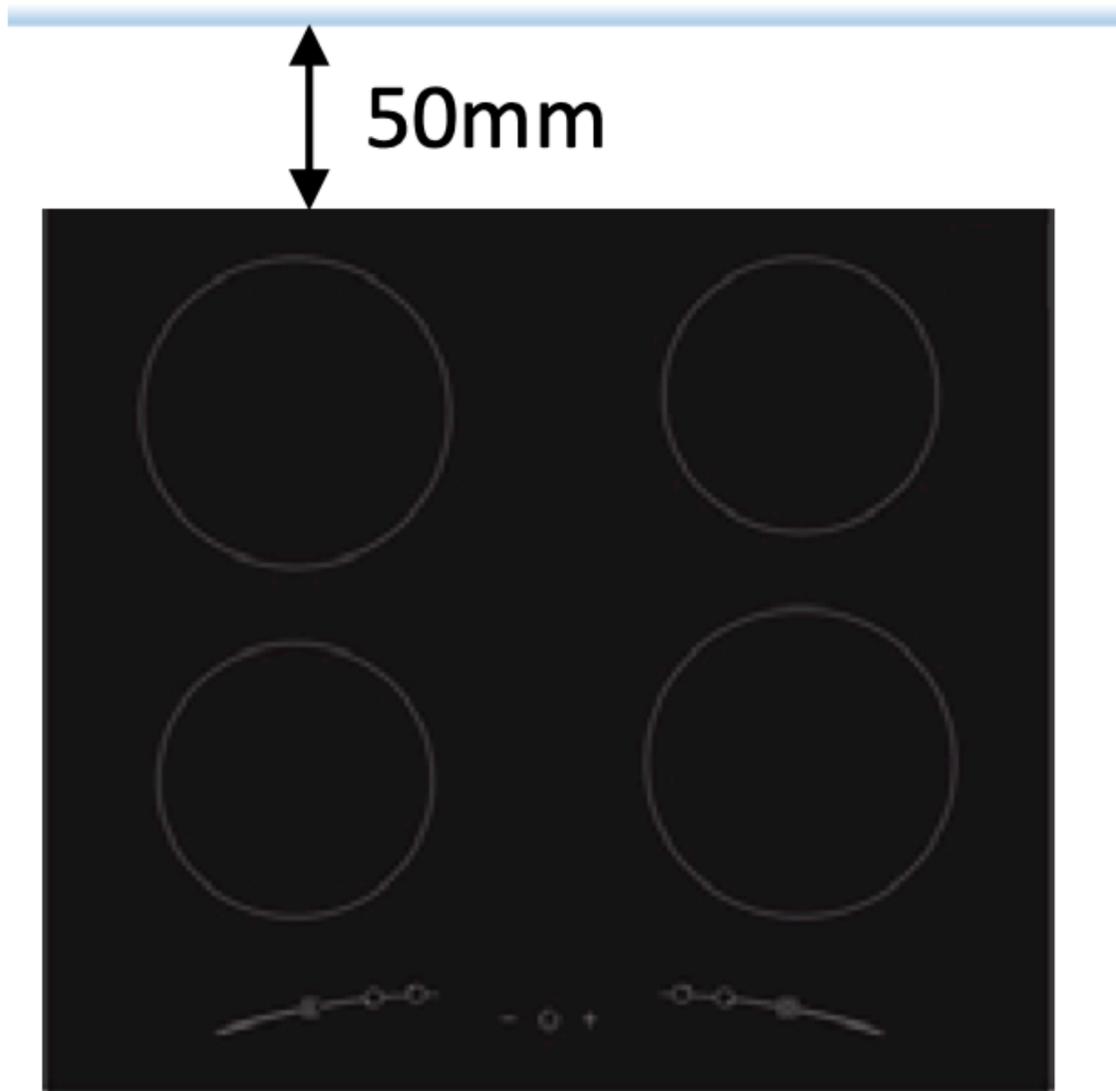


Metal, glass and ceramic tiles may be non-combustible, but they are not sufficient to provide protection by themselves. These materials are conductive, so they can transfer heat to the substrate material or timber framing. This can have disastrous results. AS/NZS 5601 provides acceptable methods for protection of combustible surfaces, including where metal, glass and ceramic tile facing is used.

Facing material	Min thickness mm	Backing material or substrate	Min thickness mm
Ceramic tiles	5	Gypsum based wall board	10
		Fibre cement sheet	6
Toughened safety glass	5	Gypsum based wall board	10
		Fibre cement sheet	6
Sheet metal	0.4	Fibre cement sheet	12
		Fibre cement sheet over 10mm gypsum based board	6
Any other system	Satisfying temperature requirement*		

A minimum **10mm** thickness Gypsum wallboard is required behind a 6mm or 12mm porcelain splash back when a gas cooker is used.

# For electric hotplates & engineered stone splashback



Electric and induction cooktops require a **50mm** distance from the back edge of the cooktop to the engineered stone splashback.

— —AS/NZS 5601 Gas Installations

— —AS/NZS 4386.2 Domestic Kitchen

Assemblies – Installation