



With Duropal you're covered in all directions...

*This is an abbreviated guide, for further information and technical specifications refer to Duropal Pyroex Splashbacks Technical Information:*

<https://amorini.co.nz/wp-content/uploads/2017/10/Duropal-Pyroex-Splashback-Technical-Information.pdf>

## Installation

### I.1 General

When installed in accordance with the Duropal Pyroex Splashback installation guide, Duropal Pyroex Splashbacks are compliant with the Building Code of Australia (BCA) and AS/NZS 5601.1:2013 Gas Installation Code.

#### Electric Cooktops

Duropal Pyroex Splashbacks can be installed directly onto plasterboard, cement block or sheet, brickwork, or any existing wall coverings such as wallpaper, textile coverings or ceramic tiles, using double sided tape and a neutral cure, clear, wet area, silicone.

#### Gas Cooktops

##### - Application On Different Wall Materials – Gas Only

For gas cooktops Duropal Pyroex Splashbacks can be installed directly onto brickwork or cement blocks using double sided tape and a neutral cure, clear, wet area, silicone.

For all other surfaces the minimum distance measured from the periphery of the nearest burner must be 200mm. If the requirements of either of the above two conditions cannot be met, then the installation of a Calcium Silicate mineral board (some brands include Supalux and Kapo), directly behind the cooktop is required to provide additional heat protection for the wall structure and ensure compliance with the relevant BCA/ BCNZ requirements. The mineral board must be installed to a minimum height of 150mm above the benchtop level across the full width of the cooktop.

Alternatively, a 2mm thick steel plate fixed on the splashback using double-sided tape will provide equivalent heat protection for the wall structure and ensure compliance.

##### - Minimum Distance On All Wall Materials – Gas Only

You should refer to your appliance manufacturers' instructions for minimum distance requirements. We recommend a minimum distance not less than 90mm, or the minimum distance according to the appliance manufacturers' instructions, WHICH EVER IS GREATER.

#### Caution:

When using Gas Appliances, it is important to remember that the gas flame actually laps the side of any cooking vessel used. Therefore it is important to always ensure that any cooking vessel is at all times, well within the cooking appliance perimeters, as typically outlined in most appliance installation guides. Allowing any vessel to sit outside the cooking appliance perimeters may result in discolouration or blistering to the splashback surface.

**NB:** The above information is a guide only. It is important that when splashbacks are fitted around appliances that all appliances are installed in accordance of the requirements of the AS/NZS 5601.1.2013 and the manufacturers' instructions.



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### **1.2 Face fixing by screwing or bolting.**

When securing HPL Compact Sheets to rigid sub structures such as metal frames or masonry, sufficient movement between the components should be guaranteed by the use of correspondingly oversized screw holes and:

- (a) washers under screw heads or bolt heads
- (b) a slip foil between the back of the compact sheet and ground at its fixing point.

### **1.3 Fastening to Compact sheets**

When securing rigid objects (e.g. fixing hook plates, profile strips or metal fittings) by bolting through the sheets as described in Para 1.2, a clearance hole in the sheet should be used.

### **1.4 Self-tapping screws**

Screws with slow threads provide better resistance to working loose than those with fast threads. In all cases a pilot hole one-thread depth smaller than the outside diameter of the screw must first be made in the sheet.

### **1.5 Through face fixings**

Holes for this purpose should be drilled 2-3mm larger than the diameter of the fixing screw or nail. The allowance for movement can also be achieved by the use of flexible insert bushes (e.g. polyamide).

## **Cleaning and maintenance**

Duropal Pyroex Splashbacks are undemanding in this respect and do not require special maintenance.

- (a) Lightly soiled sheets may be cleaned with a soft damp cloth.
- (b) More heavily tarnished grime or stains can be removed with warm soapy water or with a proprietary cleaning agent which does not contain any abrasive material or strong alkaline (bleach).
- (c) Particularly hard dried deposits of lacquer or glue, ink from felt tipped or ballpoint pens, lipstick and others may in general be removed with a solvent agent such as Methylated Spirits, Acetone or MEK etc. After cleaning with solvents, any streaks or smears should be removed immediately. Some solvents present a danger of flammability or if used in large quantities – a health hazard. Windows should be opened and good ventilation should accompany such processes.
- (d) Paraffin and wax deposits must first of all be removed, avoiding scratching of the surface and any remaining residue may be ironed off over a layer of blotting paper. Polishing waxes or other polishes are unnecessary and should not be used on HPL Compact Sheets.

## **Machining**

Duropal Pyroex Splashbacks are easily machined with tungsten tipped tools. Sheets can be cut using tungsten tipped circular saws or equally using a straight edge and router. Holes can be drilled and/or cut using a jigsaw.