

Painted glass splash-backs and work surfaces - Technical information

Typically splash-backs and work surfaces for kitchens and bathrooms are manufactured in 6mm toughened glass for splash-backs and 19mm toughened glass for work surfaces. The largest piece that we can accommodate with any CNC cut outs such as hob or socket cut outs is 2600 x 1700mm. For glass without cut outs we can produce sizes up to 3000 x 1700. Any colour from the RAL and Dulux colour coding system can be used when painting the glass. Two types of glass are used when producing these products;

- Low-iron optically clear: an almost crystal like glass which provides for a superior finish when painted.
- Float glass: normal glass which has an inherent green characteristic which becomes more pronounced the thicker the glass. Ideal when used with darker colours of paint.

The former of the above provides for a clearer definition of the colour chosen. This is particularly important if splash-backs need to match the thicker work-surfaces in a kitchen for example. Both thicknesses of glass have different iron content if using float glass so 19mm will appear greener, in turn affecting the paint colour. This issue is drastically reduced when using low-iron glass, rendering both thicknesses almost the same colour when painted.

When measuring for splash-backs or work surfaces please refer to our toughened glass technical specifications for production criteria, particularly if any cut outs or shaped work is needed. Alternatively, please contact the office for any bespoke items that you need to discuss.

Paint colour

As well as providing almost any RAL or Dulux colour we can also add variation to any colour in two ways;

- Sparkle: a sparkle additive is added to the colour to give off a glitzy finish when reflected against light.
- Metallic: a metallic pigment can also be added to give a slightly more reflective sheen to the colour.

Up to two colour samples can be provided per client in order to determine colour choice. Anything more than two will be chargeable.

General

Some basic guidelines need to be taken into consideration when producing the work surfaces and splash-backs. Socket cut outs on splash-backs need to be a minimum of

50mm from the edge of the cut out to the edge of the glass, with a further 50mm between cut outs. As all cut outs on 6mm glass will have a minimum 6mm internal radius, this also needs to be taken into account.

Likewise, with hob or sink cut outs there needs to be a minimum of 70mm between the edge of the cut out and the edge of the glass for the glass to be toughened properly. Internal cut outs on 19mm glass will have a minimum internal radius of 19mm. These factors relating to cut outs should be taken into account when measuring for socket or hob/sink cut outs. Any tap holes or double sink cut outs can be accommodated providing they conform, as with all cut outs, to the specifications detailed in our toughened glass technical page. Generally, with sink unit work surfaces, glass is processed using brilliant cutting technology to create drainage grooves that can be either 6 or 10mm wide.

The glass we use to produce splash-backs and work surfaces is toughened to BS6206 quality standard. Nevertheless, it is glass and will scratch if not cared for properly. The glass is aesthetically pleasing but is susceptible to scratching. As all of the glass is toughened, all of the edges must be polished to accommodate the toughening process. This affects work surfaces if two pieces have to butt up against each other in that they will not be perfectly flush.