



Worktop and Modesty Panels Material Specification

25 mm Thick MFC (melamine faced high-density chipboard) with enhanced overlay providing wear and scratch resistance superior to average laminate finish.

MFC is a product of paper impregnated with resin and applied to the faces chipboard. The chipboard is the normal chipboard that is produced from a mix of virgin wood and recycled wood using urea formaldehyde resin as a binder. The specific amount of resin is dependant on the grade of board produced but is between 6% and 10% of the total material. The paper is generally in the range 60 to 95 grammes and for other than white will have a non toxic coloured image printed on it. This paper is impregnated with a melamine urea formaldehyde resin, which is partially cured before pressing onto the chipboard where it is fully cured.

The melamine paper laminate is less than 1% of the total MFC board composition.

All products comply with the EN Norm for E1 level of formaldehyde, and are therefore less than 8mg/100 gm.

The recycled wood used in the chipboard is good quality Post Consumer Recycled Wood, and is generally between 65 to 75% of the wood used in the product.

The products are recyclable. They can be processed back into chipboard, as composting medium or be used for energy generation in a CHP plant, to provided heat and/or electricity.

Panel Breakdown:

Wood (various species of softwood)	77 - 91.6%
Resin (UF, MUF, Phenolic, p-MDI)	8 - 20%
Wax and Hardener	0.4 - 3.0%

Worktops have High Impact 2mm ABS edge band with through-grain patterning is machined all round to an EN527 approved radius. Colour matched to the worksurface.

Fixings

Worktops have factory fitted M6 metal inserts to provide metal-to-metal connection to desk understructure. Flange inserts are used to prevent inserts being driven too deeply into the worktop.

Frame Construction

Leg assemblies are dispatched boxed in pairs, as sub-assemblies to minimise space required for storage and transport. The sub-assembly is comprised of top plate, foot and riser. Assembly is by four M8 allen head bolts.

Legs are connected by an adjustable steel beam that also acts as a cable tray. Each end of the beam is fixed to a leg with four M6 Allen head bolts via a 3mm thick steel plate. Two sizes of adjustable beam cover all desk widths from 800mm to 2000mm.

All steel components are finished in Epoxy Powder Coating.

Cable Management

The outside face of the Leg Riser has a removable central cover behind which run the channels for cable separation and cable clamps. The inside face of the riser is fitted with moulded cable ports one near the top plate a second near the foot.

Worksurfaces are fitted with moulded cable ports. Modesty panel access cut-outs provide routing for cables.

Standards

BS EN 527 - 1	(2000)
BS EN 527 - 2	(2002)
BS EN 527 - 3	(2003)
BS6396	(2008)

