

WORKSURFACE

Different laboratories have different worksurface requirements. Criteria for worksurface selection depends on individual laboratory needs. Common features of laboratory worksurfaces are chemical resistance, heat resistance, scratch resistance, load capacity, durability and surface hygiene.

Laboratory Solutions provides a range of worktops suitable for laboratory applications.

Epoxy Resin

- Epoxy Resin worksurfaces are widely used for harsh laboratory environment due to their outstanding qualities of chemical resistance, non-flammability, non-absorbency, vibration damping and cleanability.
- Ideal for education and research laboratories
- 19 and 25mm thickness.
- Available in industry standard black colour.
- Other colours available on special order.



Phenolic Resin

- Phenolic resin countertops are ideal for multi-purpose laboratories.
- Phenolic resin has excellent physical and mechanical properties including chemical and bacterial resistance.
- Ideal for analytical, microbial or chemical labs.
- 6, 13, 20 and 25mm thickness available.
- Range of colours to choose from.



Ceramic

- Ceramic worktops are made of all natural material
- Ceramic has excellent chemical and heat resistance properties.
- These tops highly suitable for laboratories dealing with extremely corrosive chemicals and high temperatures.
- Available in custom sizes, thicknesses and edges.
- Limited colours to choose from.



Stainless Steel

- Made from 16 and 18G, 304 and 316 stainless steel with #4 finish.
- Excellent chemical resistance and physical properties.
- Ideal for food, biological, microbial, nuclear, radiological labs.
- Available in standard 25mm thickness with square or marine edge.
- Integrated sinks available.



Melamine Laminate

- Made from melamine coated particle board.
- Low chemical, physical and mechanical resistance properties.
- Ideal for write-up areas, office desks, receptions.
- Available in range of colours.



Solid Wood

- Welded wood tops are made from heavy duty maple wood.
- These tops are excellent physical and mechanical properties.
- Ideal for arts classrooms, mechanical workshops and industrial labs.
- Available in custom sizes and varying thicknesses from 25mm to 44mm



Polypropylene

- Polypropylene (PP) worktops are thermoplastic polymer with excellent chemical resistance properties.
- PP has low heat resistance, but is a very good option for labs requiring a high level of hygiene and cleanliness.
- Custom sizes and thicknesses.
- Integrated sinks and sink tops available.



Granite

- Natural stone made of igneous rock.
- Low in chemical resistance, but good physical and mechanical properties.
- Can be used in labs that do not use harsh chemicals.
- Black most commonly used in labs.
- Also available in natural colours and textures.



Quartz

- Engineered stone made of 90% quartz and the rest resins, polymers and pigments.
- Good mechanical and physical properties, non porous.
- Good for basic labs, clinics, classrooms.
- Available in range of colours and thicknesses.



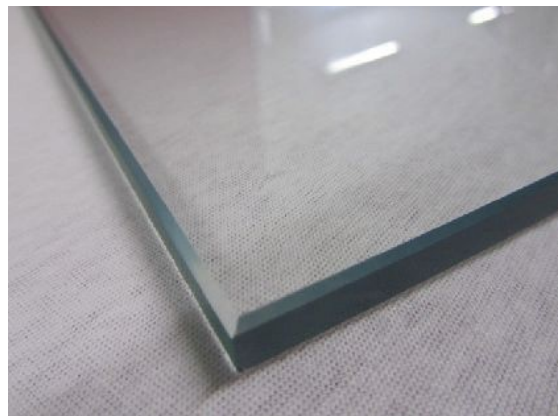
Solid Surface

- Commonly referred as Corian.
- Stain resistant, non porous, seamless, repairable transformable and renewable.
- Poor resistance to heat and scratches.
- Suitable for nurse stations, reception desk and office furniture.
- Available in range of colours and 6, 12 & 19mm thicknesses.



Glass

- Made from tempered glass.
- Low chemical, physical and mechanical resistance properties.
- Ideal for write-up areas, office desks, receptions.



Worktop Edge Profiles

Laboratory Solutions offers different type of edge profiles. Depending on worktop material suitable edge profile can be fabricated. Some commonly used edge profiles are shown below.

