

Lab Tops

Specifications



Thickness- 1"

Material- Black phenolic resin

Sizes- Up to 60" x 144"

Edge Profile- 1/8" chamfer on all four sides

Field Installation

Allow top to reach ambient room temperature prior to installation. It may take forty-eight (48) hours for the top to acclimate to the surrounding environment.

Drilling- It is recommended to predrill an oversize hole to reduce stress cracks. Avoid drilling holes close to the edge and do not drill into the edges. Take into consideration the thickness of the top when selecting the screw length.

Cutting- Saw blades and router bits should be carbide tipped and well sharpened. Tool speed should be high and feed rate slow to minimize the possibility of chipping.

Exposed edges may be finished by using coarse (80 grit) sandpaper to remove the saw strations followed by sanding with fine (180-220 grit) sandpaper. The edge can be polished with light oil or wax to give the glossy finish.

PVA or epoxy adhesive at seams and joints will enhance chemical resistance at these locations. It is recommended to sand the backs prior to applying any adhesive.

General Care & Maintenance

Surface can be cleaned with soapy water and common organic solvents (alcohol, benzine, acetone, methyl ethyl keytone, perchloroethylene). Avoid use of detergents with high concentrations of strong acids or bases (i.e. formic, hydrochloric, sulfuric and nitric acid).

Do not use abrasive pads or powders which may cause damage.

Information subject to change without notice.

Properties

High resistance to chemical agents and an excellent resistance to water and steam.

Resistance to Chemicals

Resistant to diluted strong bases and acids. Easy to clean and disinfect, given its resistance to common lab cleaners:

Acetone,
Toluene,
Ethylic and Methylic Alcohol,
Dimethylformamide -DMF-,
Dimethylsulphoxide -DMSO-,
Tetrahydrofuran -THF-,
Terpentine,
Methyl Chetone.
Ammonia,
Caustic Soda,
Potassium Hydroxide, up to 10%



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