

mott
MANUFACTURING

ISO 9001:2015 REGISTERED

PHENOLIC RESIN CASEWORK

Built To **Perform**



QUALITY BY DESIGN

Quality Ensured

Mott's phenolic resin casework is designed to meet the most demanding laboratory specifications, including AWI Premium standards and architect-defined "signature" requirements. All components are tested in accordance with SEFA 8-PH Recommended Practices to ensure long-term durability in rigorous laboratory environments.

Our standard cabinet construction is outlined below; however, many projects require more than a catalog solution. Mott routinely designs and manufactures custom phenolic casework to meet project-specific requirements. While cataloged details provide a starting point, customization is integral to our process, and our team is ready to consult with you to develop the right solution for your application.



Highly Resilient

Solid phenolic core panels are well suited for laboratories with harsh conditions where durability is critical. Double-sided, chemically resistant panels provide water resistance, strength, and longevity—extending the life cycle of your laboratory casework. When protection, cleanliness, and reliability are essential, Mott's phenolic resin products to deliver.



Full Range of Cabinetry and Components

Mott offers a complete line of base, wall, and floor cabinets available in numerous configurations and a wide range of heights and widths. A broad selection of options allows for flexible, cost-effective customization without compromising performance.

Cabinet Construction - Chemically and corrosion-resistant phenolic resin cabinet, assembled with concealed stainless steel screws and angle brackets for superior structural strength and integrity.

Back Panel - Base cabinets feature a 1/4" removable phenolic resin back that installs without fasteners for easy access.

Hardware - Stainless steel five-knuckle hinges and wire handles are standard. Optional handle styles and painted black overlay hinges are also available.

Edges & Finish - Straight profile with eased edges for safety, machined and polished black core, free of tooling imperfections.

Adjustable Shelving - 3/4" thick phenolic resin shelves, fully adjustable in 1-1/4" increments, supported by twin-pin seismic clips for flexible storage.

Color & Finish Options - Wide selection of colors, patterns, and finishes from leading phenolic resin manufacturers.



Structural Panels - Side panels, toe spaces, and cabinet bottoms are 1/2" phenolic resin; top, rear, and intermediate rails are 3/4" thick.

Drawers - Full height drawer sides are 1/2" thick phenolic resin, dovetailed for strength; drawer bottoms are 1/4" phenolic resin securely trapped in side grooves.

Drawer Suspension - Full-extension 100 lb. slides standard. Optional 200 lb. capacity slides available, including features such as soft-close, self-closing, and full extension.

Door & Drawer Fronts - Constructed from 1/2" thick phenolic resin for durability and clean appearance.

Base Construction - Integral base supports the cabinet above and provides a 3" deep by 4" high toe space.

Sustainability - Made with 65% FSC post-consumer recycled content, Red List Approved under the Living Building Challenge, and GREENGUARD GOLD certified.



For Harsh Demands

- Rugged construction with excellent impact and abrasion resistance
- Highly water resistant for wet and humid environments
- Excellent resistance to solvents, most acids, and other aggressive chemicals - with SEFA 3 tested performance
- Will not rust or absorb odors, resistant to bacteria and fungus
- Non-porous surface for easy cleaning and disinfection
- Withstands continuous heat exposure up to 360°F for 20 minutes

Versatile By Design

Available in a wide array of colors, patterns, and wood grains, Mott's phenolic resin casework supports adaptable configurations—fixed, mobile, or suspended—to fit any laboratory setting.

Style & Function

In addition to traditional phenolic resin with a black core, Mott offers color-through core panels that bring added design flexibility to the laboratory. These double-sided panels provide consistent color throughout, eliminating visible dark edges for a clean, finished appearance.



Products **designed** for your lab.
Explore our **solutions**.

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