

Technical Specifications Sheet

This template specification sheet covers FENIER 304 stainless steel modular cabinet systems. Replace with your latest engineering specifications before client distribution.

Body Construction

- Body panel thickness 0.8mm - 1.2mm
- Door panel thickness 1.0mm
- Back panel thickness 0.6mm
- Drawer box 0.8mm stainless, double-wall
- Joinery Welded seam + mechanical fastener
- Load capacity (shelf) 60kg per linear meter
- Load capacity (drawer) 45kg standard / 80kg heavy-duty
- Adjustment range (leg) 100mm - 150mm

Hardware Specifications

- Hinge type Soft-close, 110° opening
- Hinge brand Blum CLIP top BLUMOTION
- Drawer slide Full-extension soft-close, 45kg / 80kg options
- Lift system Blum AVENTOS HF / HS (optional)
- Handle options Bar / Knob / Recessed / Touch-latch
- Countertop support Integrated stainless L-bracket

Finish Specifications

- Standard finishes Brushed / Mirror / Matte White / Matte Black / Gunmetal
- Premium finishes Gold PVD / Black PVD / Bronze
- Coating process Powder-coat (electrostatic + 200°C bake)
- Salt spray resistance 1,000+ hours (ASTM B117)
- UV resistance QUV 500+ hours
- Adhesion (cross-hatch) 5B (ASTM D3359)

Performance Testing

- Steel grade 304 (18Cr/8Ni) - verified by PMI test
- Weld strength 300+ MPa tensile
- Cabinet load test 500N static, no deformation
- Cycle test (drawer) 100,000 cycles no failure
- Temperature range -20°C to +80°C
- Humidity resistance 100% RH no corrosion

Certifications & Compliance

ISO 9001:2015 Quality management

ISO 14001:2015 Environmental management

CE marking EU compliance

CCC China Compulsory Certification

SASO Saudi Arabia conformity

SONCAP Nigeria conformity

GCC conformity Gulf region