AAPG Residential Casework

Birch-plywood residential cabinets with solid wood doors, dovetailed drawers, and Blum hardware.

AAPG Residential Casework with white 5-piece Shaker doors and drawer fronts. Project installation shown for reference; species, finish, door style, and hardware are as specified for that project rather than as documented on this sheet.

PRODUCT OVERVIEW

AAPG Residential Casework is factory-fabricated residential cabinetry — base, wall, tall, and vanity cabinets — built to ANSI/KCMA A161.1. Cabinet boxes are birch plywood, laminate- or wood-faced; doors and drawer fronts are 5-piece solid wood or wood-veneered slab; drawer boxes are solid birch, dovetailed; and hardware is Blum self-closing throughout. All cabinets mount on 4-1/4" adjustable leveling legs with snap-on toe kicks. Reference specification: Section 12 35 30 - Residential Casework.

Performance standard	**ANSI/KCMA A161.1**
Cabinet boxes	**Birch plywood (ANSI/HPVA HP-1)**
Box facing	**Laminate-faced or wood-faced birch ply**
Doors & fronts	**5-piece solid wood or veneered slab**
Drawer boxes	**Solid birch, dovetailed**
Hardware	**Blum self-closing (BLUMOTION)**

TECHNICAL DATA

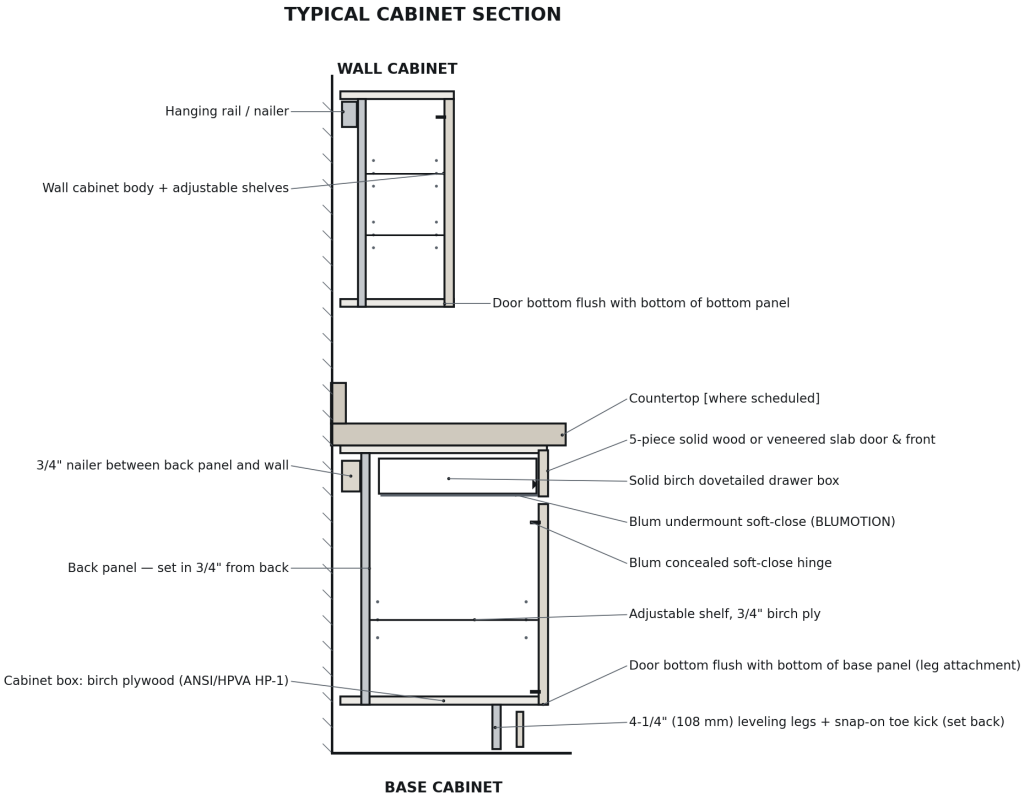
Characteristic	Technical data
Performance standard	Manufactured to ANSI/KCMA A161.1
Construction type	Frameless (full-access) or face-frame
Cabinet boxes	Birch plywood (veneer-core) complying with ANSI/HPVA HP-1
Box facing	Laminate-faced birch plywood (thermally fused laminate / melamine interior), or wood-faced (birch veneer) plywood for transparent-finished interiors
Ends, tops, bottoms	3/4" (19 mm) birch plywood, edgebanded at exposed edges
Backs	1/2"-3/4" (13-19 mm) birch plywood, with continuous hanging rails at wall cabinets
Adjustable shelves	3/4" (19 mm) birch plywood, edgebanded, on 5 mm pin supports
Doors & drawer fronts	5-piece solid wood (stile-and-rail, cope-and-stick, floating center panel) or wood-veneered slab (veneer over composite core); species birch, hard maple, red oak, white oak, cherry, walnut, or paint-grade; raised or Shaker panel; full-overlay, inset, or reveal
Drawer boxes	Solid birch, dovetailed front and back, with 1/2" (13 mm) solid birch sides and a captured 1/4" (6 mm) plywood bottom, sanded and clear-sealed
Cabinet hardware	Blum basis-of-design: concealed self-closing / soft-close (BLUMOTION) hinges and concealed undermount self-closing slides (TANDEM / MOVENTO), 100-lb (45 kg) class, complying with ANSI/BHMA A156.9; pulls and knobs as scheduled
Finishing	Transparent catalyzed conversion varnish or catalyzed lacquer (sheen satin/semi-gloss; stain to sample), or opaque catalyzed pigmented finish; interiors natural clear-sealed birch or laminate/melamine
Base & support	All cabinets mounted on 4-1/4" (108 mm) adjustable leveling legs with removable snap-on toe kicks
Composite panels	Comply with TSCA Title VI / CARB for formaldehyde. Hardwood plywood ANSI/HPVA HP-1
Certifications	ANSI/KCMA A161.1 certification seal where required; FSC chain-of-custody where required by the Project
Environmental limits	Maintain 60 to 80 °F (16 to 27 °C) and 35 to 55 percent relative humidity during storage, installation, and the product life cycle. Acclimate 48 hours prior to installation. Natural variation in wood color and grain is not a defect
Warranty	One (1) year from the date of Substantial Completion against defects in materials and manufacture. Refer to AAPG's published warranty for full terms
Applications	Residential kitchens, baths, and related interiors

Cabinets are furnished in the manufacturer's standard sizes and configurations. Species, finishes, and layouts are as scheduled for each Project.

Installation. This data sheet is issued for product selection and design coordination only. **It is not an installation instruction, and nothing on this document is to be used for installation.** Install in accordance with AAPG's current published installation instructions and the approved shop drawings, which govern. Wood blocking and in-wall reinforcement for attachment are not furnished under this Section.

Typical Cabinet Construction — Section

A typical base and wall cabinet section. Residential casework combines birch-plywood boxes, 5-piece solid wood or wood-veneered slab doors, solid birch dovetailed drawer boxes, and Blum soft-close hardware, on 4-1/4" adjustable leveling legs with snap-on toe kicks.



ANSI/KCMA A161.1 · Blum hardware · TSCA Title VI / CARB compliant

Schematic base and wall cabinet section showing typical construction and hardware. Component locations and proportions are schematic and shown for reference only; cabinets are furnished in the manufacturer's standard sizes.