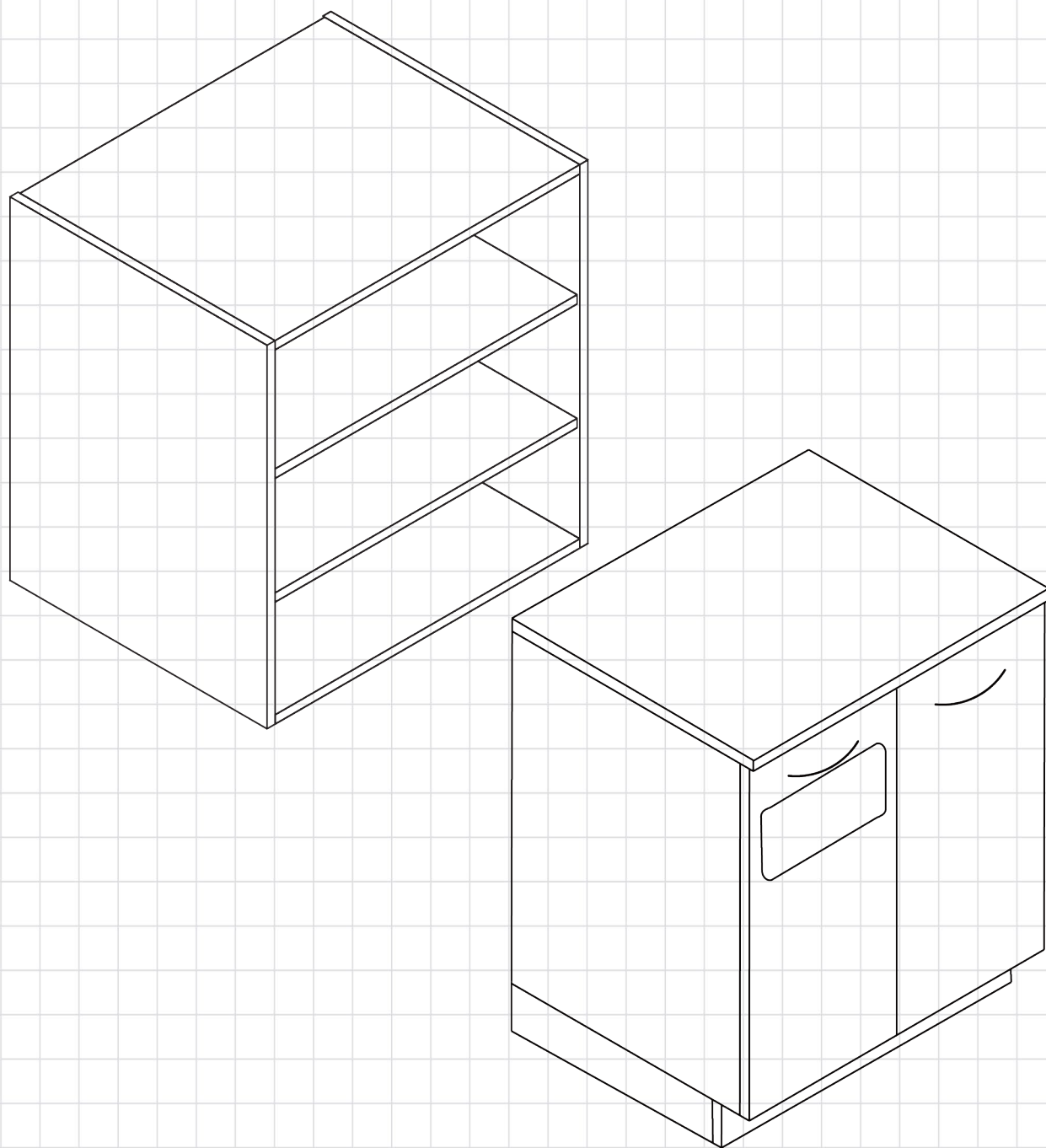
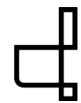


Casework High-Pressure Laminate (HPL)

Tech Sheet





COMPONENTS + MATERIALS

CASEWORK MATERIAL SUBSTRATE

Cabinets

$\frac{11}{16}$ " (18mm) no added formaldehyde (NAF) particleboard

Work Surfaces

1" (25mm) medium-density fiberboard (MDF)

1 $\frac{1}{4}$ " (32mm) MDF

FINISH MATERIAL AND APPLICATION

Interior and exterior finish	Rigid high-pressure laminate (HPL) sheet
------------------------------	--

Edge finish options

HPL self-edge	Same material as HPL sheet
---------------	----------------------------

1mm ($\frac{1}{16}$ ") edgeband	Polyvinyl chloride (PVC)
----------------------------------	--------------------------

NOTE: The edge finish for cabinets and shelves will be determined by DIRTT based on the application. For 1" (25mm) thick work surfaces, both edge finish options can be specified in ICE®.

FINISH OPTIONS

HPL and PVC Edgeband Vendor

Wilsonart. Other vendors are available as a custom option.

HPL Finish Options

23 standard finishes

See [Finishes](#) for standard options.

Custom

PVC Edgeband Finish Options

23 standard 1mm ($\frac{1}{16}$ ") thick finishes

See [Finishes](#) for standard options.

Custom

NOTE: Other PVC edgebanding thickness options, such as 3mm ($\frac{1}{8}$ "), are currently not available.

Custom Finish Options

Custom HPL and edgeband finish options beyond the standard Wilsonart selections or from other vendors can be accommodated. Custom edgebands must be a 1mm ($\frac{1}{16}$ ") PVC material. Reach out to customfinishes@dirtt.com for more information.

NOTE: All standard edgeband finish options coordinate with the standard HPL finish options. HPL and edgeband options are specified separately to mix and match finishes.

DIMENSIONS + DETAILS

MANUFACTURING SIZE LIMITATIONS

Maximum (Max.) HPL casework panel size	46" x 120" (1.16m x 3.04m)
--	-------------------------------

Vertical grain cabinet max. width*	46" (1.16m)
------------------------------------	-------------

Horizontal grain cabinet max. height	46" (1.16m)
--------------------------------------	-------------

***NOTE:** Cabinets over 39" (990mm) wide require interior verticals or mullions and tailored idea starters.

OPTIONS

CASEWORK CUTOUTS

Select casework cutouts are available with HPL. Many cutout types are finished with a PVC edgeband.

Smaller cutouts, such as glove box, paper towel, and 3" (76mm) diameter circle cutouts, are finished with a grommet.

See [Casework Cutout Design and Order Guide](#) for details.

NOTE: HPL cannot be applied to MDF-framed glass doors.

CASEWORK DRAWERS

Casework drawer front options	Standard HPL Custom HPL
-------------------------------	----------------------------

Drawer box finish options	White low-pressure laminate (LPL) Black LPL
---------------------------	--

Drawer box interior PVC edgeband options	Black or white
---	----------------

See the documents below for information on casework drawer types.

[Casework Drawer Styles Design Guide](#)

[Casework Trash Drawer Design Guide](#)

[Casework File Bars Solution Guide](#)

CASEWORK PULLS AND HARDWARE

Pulls

Bow pull

Rod pull

Tab pull

See [Casework Product Specifications – Standard Pulls](#) for more information.

Other casework hardware

See the myDIRTT [Casework page](#) for more information.

OPTIONAL CASEWORK HARDWARE

Customer's Own Material (COM) Hardware

See [COM Locks](#) and [COM Pulls](#) DIRTT Solution Support articles for more information.

To specify, review [COM Hardware for Casework](#).

INTEGRATED LED LIGHTING

Hafele - Loox

See the documents below for details.

[Casework Adjustable Shelf LED Design and Order Guide](#)

[Casework Adjustable Shelf LED Technical Sheet](#)

[Casework Integrated LED System Solution Guide](#)

[Casework Integrated LED System Technical Sheet](#)

Contact caseworkdesign@dirtt.com with any questions.