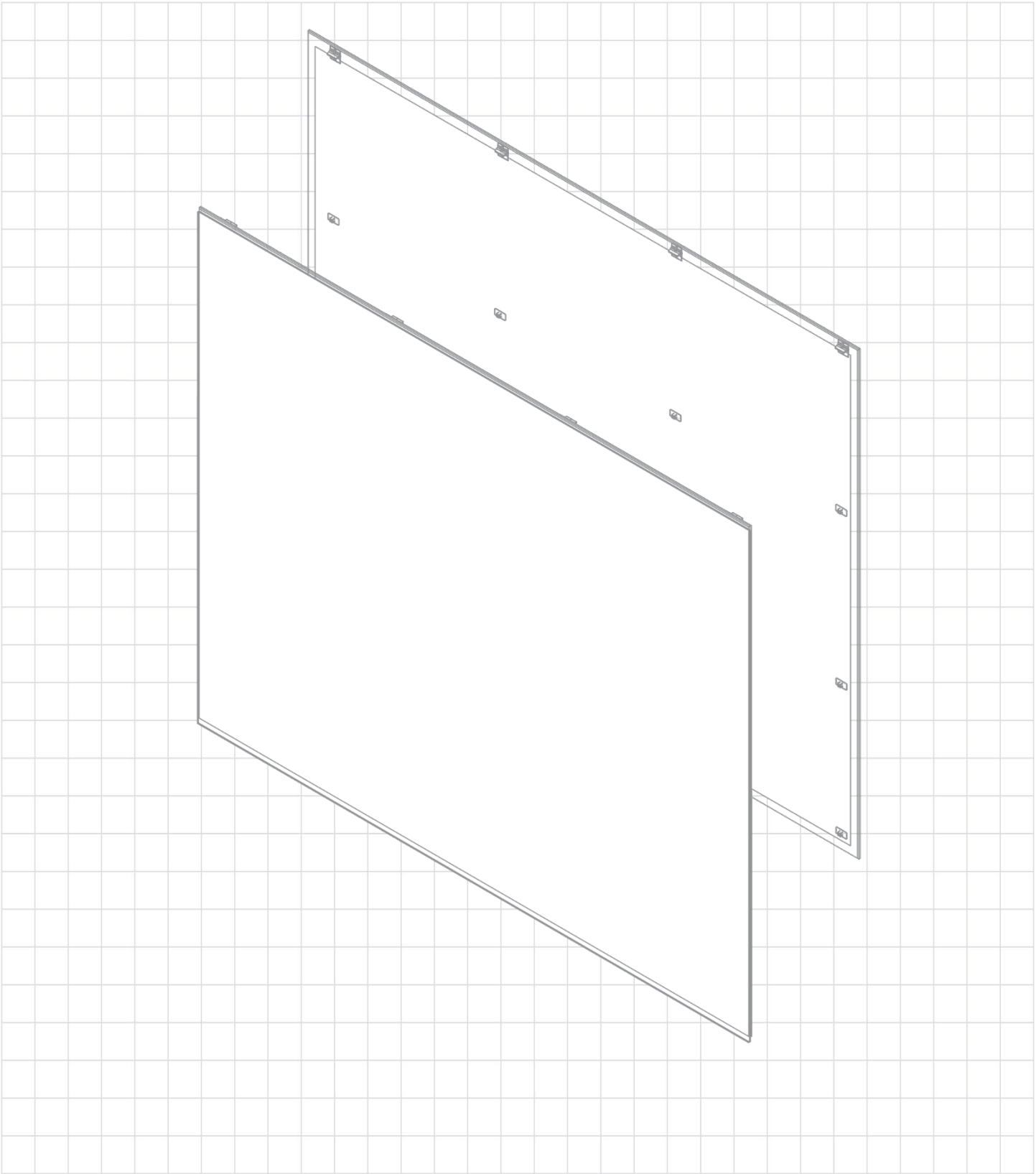


Fabric-Wrapped MDF Panel

Tech Sheet





COMPONENTS + MATERIALS

PANEL SUBSTRATE

½" (13mm) medium-density fiberboard (MDF)

MOUNTING COMPONENTS

Hanger Clips (Panel Hooks)	Nylon
11mm BATS Clips–Stapled	Polycarbonate

FABRIC PANEL FINISH

See [myDIRTT](#) for standard fabric options.*

*NOTE: Panels wider than 48" (1.22m) may require railroading of fabric depending on roll width and pattern (if applicable). Where panels are merged horizontally, caution should be taken to ensure consistent orientation of fabrics is evident.

DIMENSIONS + DETAILS

Minimum Panel Width	5 ½" (140mm)
Maximum Panel Width*	48" (1.22m)
Maximum Panel Height*	120" (3.045m)

*NOTE: Panels can be oriented vertically in a monolithic application or horizontally to span multiple frames; overall size cannot exceed 48" (1.22m) in two directions.

*NOTE: The direction of patterned fabric must be consistent for vertically and horizontally installed fabric panels in the same project.

*NOTE: Fabric selected (either DIRTT standard offerings or customer's own material (COM) materials) may have limited roll widths and may restrict the panel size further.

PANEL CONNECTIONS TO SOLID FRAME

Panel Hooks located at top of panels.

11mm BATS Clips located on bottom edges.

11mm BATS Clips located intermittently between clip lines greater than 39 ½" (1.01m).

TESTING RESULTS

ASTM E84 "Standard Test Methods for Surface Burning Characteristics of Building Materials"

CAN/ULC S102 "Standard Test Methods for Surface Burning Characteristics of Building Materials and Assemblies"

NOTE: See manufacturer for flame spread/smoke developed performance and resulting [Finish Classification](#).

NOTE: Testing reports, details and approvals are available upon request.

OPTIONS

COM FABRIC OPTIONS

To comply with DIRTT's safety standards, all COM wall coverings/fabrics must perform to a Class A Finish Classification per ASTM E84 test standards. If the COM wall covering/fabric ASTM E84 test report indicates over a 25 Flame Spread Index, testing must be completed through DIRTT incurring an additional cost of \$1500-\$2500 with a testing lead time of 4-6 weeks. ASTM E84 reports can be requested directly from the manufacturer and will be required by the Custom Finishes team prior to application testing.

ELECTRICAL AND COMMUNICATION OPTIONS

Ports cut out for electrical and communication boxes.

See [DIRTT Power Tech Sheets](#) for electrical options.

SUBSTRATE OPTIONS

Fire Retardant (FR) No Added Formaldehyde (NAF) MDF

Forest Stewardship Council (FSC) Certified MDF with LPL Backer*

FSC + NAF MDF*

FSC + NAF + FR MDF*

*NOTE: FSC and FR may require longer lead times and minimum-order quantities.

PANEL CONFIGURATION OPTIONS

Panels can be applied over multiple frames.

Panels oversized to be scribed to the floor.*

*NOTE: Panels scribed to the floor on-site require special equipment and specific procedures must be followed.