

Sage Doors Optidoor® - 1 piece routed / sanded standard door profiles

September 2023

Raw HDF (pocketed profiles where frame is greater than 50mm will also have 2.5 mm deep pocket on the back to reduce tension)
 HDF 1F with white satin melamine on the back. (no need to paint the back of your doors. This option can result in bowed doors)
 HDF 2F with white satin melamine on both faces. (this option is for non pocketed doors where you only want to paint the face)

Thicknesses available: 12,18,21,24,30mm. Some thicknesses are not suitable for some profiles. Please ask if the combination you want is not visible on the website
 We also make flexible panels in matching profiles to match selected linear profiles - this is a great option for curved islands etc. Contact us for more info!

Select the Door profile by choosing the Material. Select the Edge profile in the box which pops up: R1.5 is most popular.
 Select edges to be profiled & sanded by marking as edged. To change between edge profiles, press Ctrl + click on edges to cycle through the edge options.

<p>Texas Flat door</p>			<p>Florida Framed door 30° bevel on frame</p>		<p>Hawaii Ripples Flexi panel available - min 200mmR</p>	<p>Edge profile Arise both</p>
<p>Arizona Framed door Raised panel</p>			<p>Rhode Island Framed door 30° bevel on frame</p>		<p>Kansas Wide Ripples</p>	<p>Edge profile R1.5 face</p>
<p>Michigan Framed door flat panel</p>			<p>Oregon Pocketed 60mm frame</p>		<p>Alaska Scallops Flexi panel available - min 200mmR but a larger R avoids cracking</p>	<p>Edge profile R1.5 both</p>
<p>Colorado Flat door with Sharknose</p>			<p>Carolina = 6 mm deep North Carolina = 4 mm deep Pocketed 18 mm frame Caution required for hardware!</p>		<p>Iowa Scallops</p>	<p>Edge profile R3 face</p>
<p>Oklahoma V grooved rectangle V grooves within rectangle</p>			<p>Maryland = square pocket Annapolis = 30° bevel on frame Pocketed 18 mm frame</p>		<p>California = max 39mm Wide Scallops Flexi panel available - min 200mmR San Diego = max 59mm</p>	<p>Edge profile R3 both</p>
<p>Wisconsin V grooved rectangle V grooves within rectangle & between rails/stiles</p>			<p>Louisiana Pocketed 10 mm frame</p>		<p>Missouri 20mm beads Flexi panel available - min 200mmR</p>	<p>Edge profile R5 face</p>
<p>Mississippi Fluted rectangle</p>			<p>Georgia Pocketed 10 mm beaded frame</p>		<p>Pennsylvania Variable mini beads (std = 11mm) Only 1 width per panel Flexi panel available - min 200mmR</p>	<p>Edge profile R5 both</p>
<p>Connecticut Be inventive. Send us your drawing.</p>			<p>Dakota Pocketed with 71mm spaced V grooves V grooves also between rails/stiles</p>		<p>New York V grooved - wide equal spacing</p>	<p>Edge profile 9.5mm Ogee</p>
<p>Kentucky Pocketed 60mm frame Customisable depth</p>			<p>Washington Pocketed with 71mm spaced V grooves</p>		<p>Tennessee V grooved - narrow equal spacing</p>	<p>Edge profile 6.3mm Ogee</p>
	<p>11 mm is standard maximum spacing. When ordering, you can set the maximum spacing to whatever you want</p>		<p>Utah Pocketed with 45° beveled pocket</p>		<p>Montana V grooved - wide fixed fixed spacing</p>	
			<p>Minnesota Pocketed with 45° beveled pocket</p>		<p>Illinois Customisable square grooves Default sizes as shown Flexi panel available - min 200mmR unless the profile is adjusted.</p>	
					<p>Chicago Customisable square grooves Default sizes as shown</p>	

Technical Options for Sage Doors Optidoor®

Flexible panel options

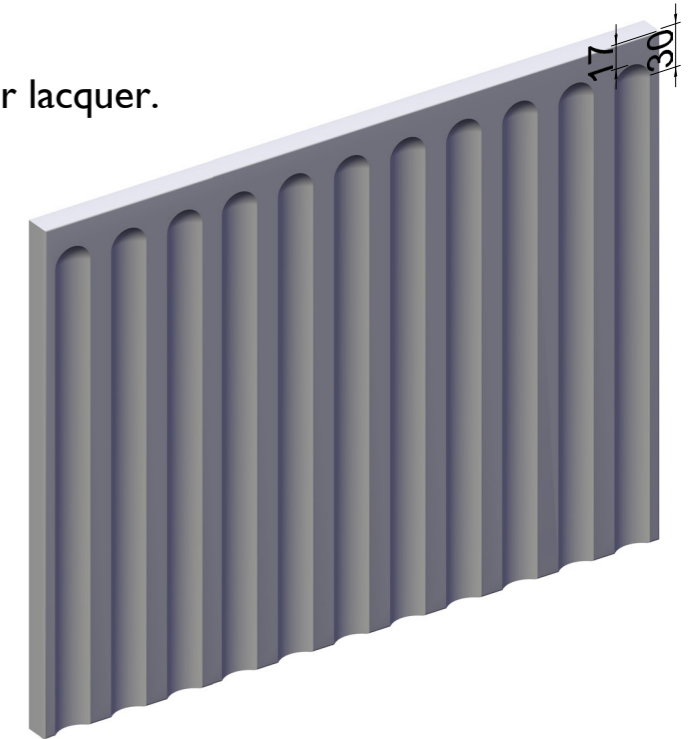
Flexible linear profiles are available on select linear profiles for around curves on islands etc.

The profile will match your doors seamlessly. We would recommend a radius of 200+mm. Some profiles suit a larger radius better.

Note, this is a fragile product, and there may be some cracking. Ensure that the flexi panel is adequately glued to the molded shape.

Additional sanding will be required after fitting to the curve, before lacquer. It should be lacquered in the final shape - not curved after lacquer.

Contact us for more information!



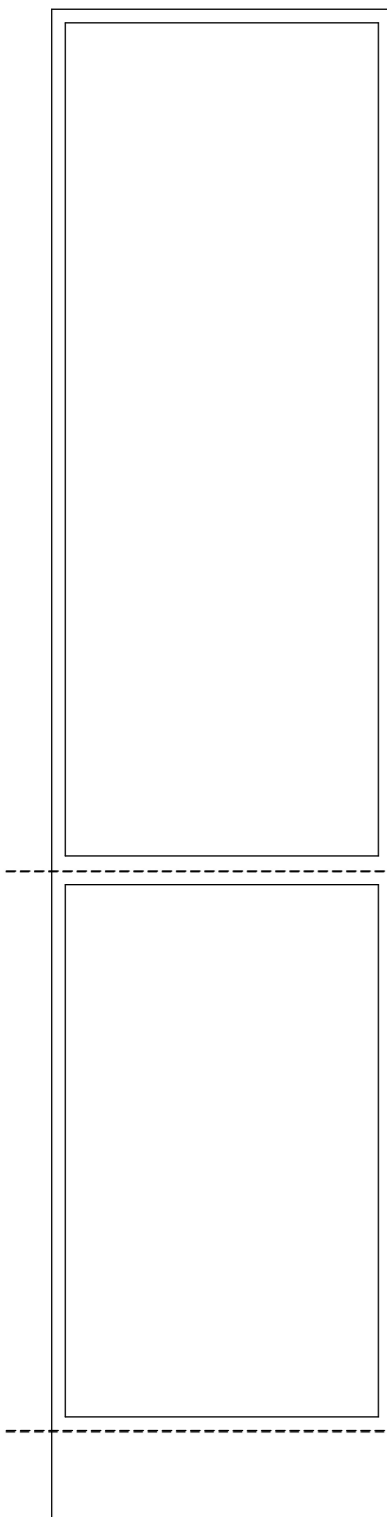
Top, Bottom, Left, Right extra lengths

When ordering, you can add extra length to any of the sides. For profiles like Alaska, the profile will extend half of the tool diameter past the extra length amount. In the image shown, the extra length is 30 mm so the profile starts 17 mm from the edge of the panel, due to the tool shape. By applying + or - extra lengths to all four edges of a door, you can create your own profiles, ie: Florida with a 40mm frame width

Double Profile Door

Sage Doors can produce your tall doors with two profiles in the one door. As standard, the space between the profiles (rail-width) will be double the standard edge distance for the chosen profile, plus 2 mm. The 2 mm is to allow for a door gap so that your double door will line up with 2 doors above each other, ie: barn doors.

You can specify the rail-width to be whatever size you want.



a = Frame size,
varies per
selected

Door type

$$b = a \times 2 + 2 \text{ (by default)}$$

(Pocket height will always be
Base Door Height - 2 x frame size)

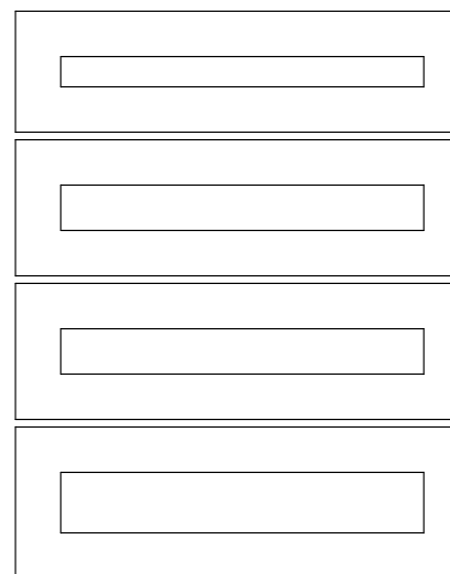
Drawer Front Options

Sage Doors offers 3 standard options for the profiling of drawer fronts.

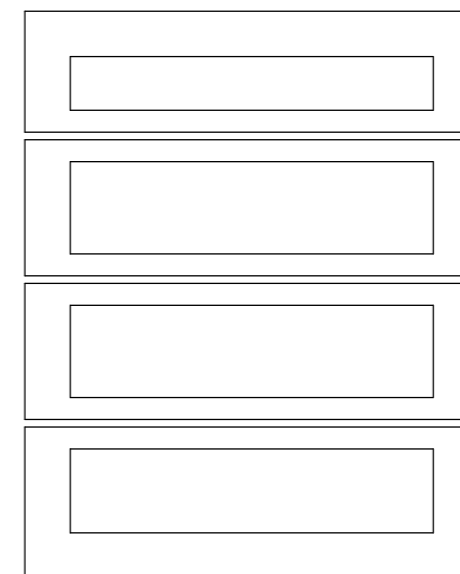
Individual drawer fronts are just ordered like normal parts.

When ordering drawer fronts with reduced rails or as a drawer pack, please define order by using the grain matching tool.

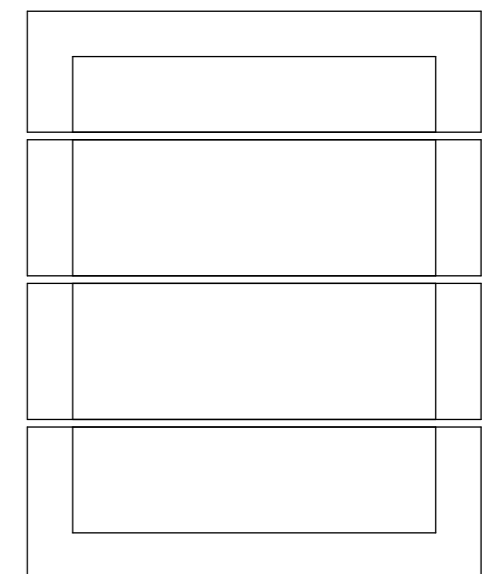
Individual Drawer fronts



Reduced Rails



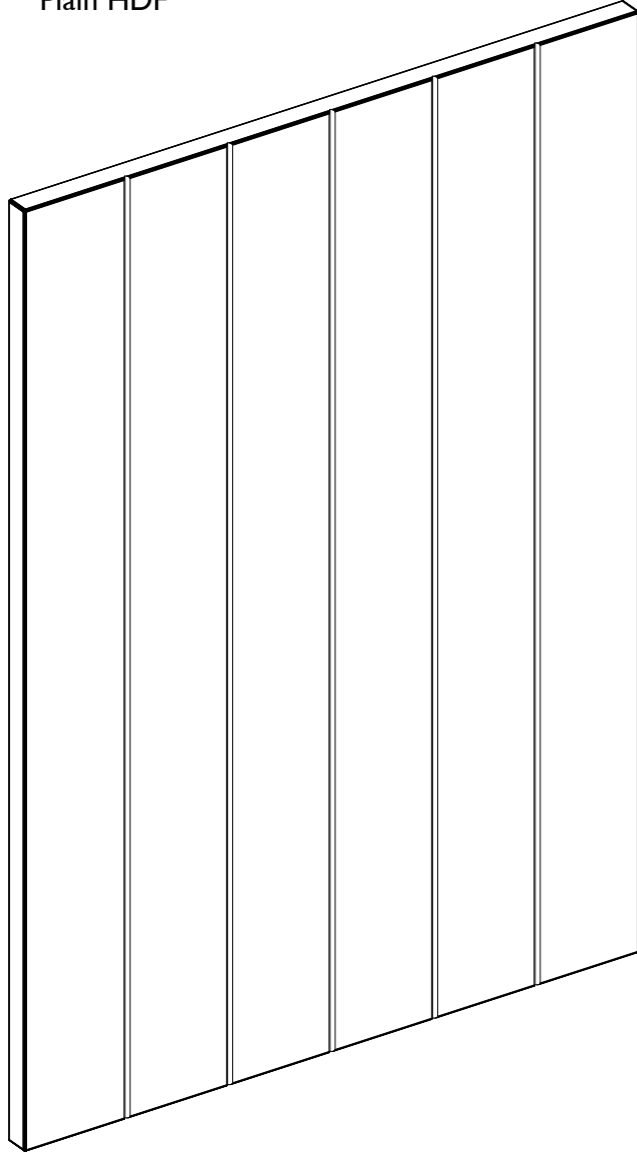
Drawer Pack



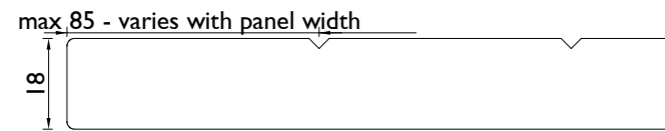
Sage Doors Optidoor®

New York

HDF 2F (if you don't want to paint the back)
Plain HDF



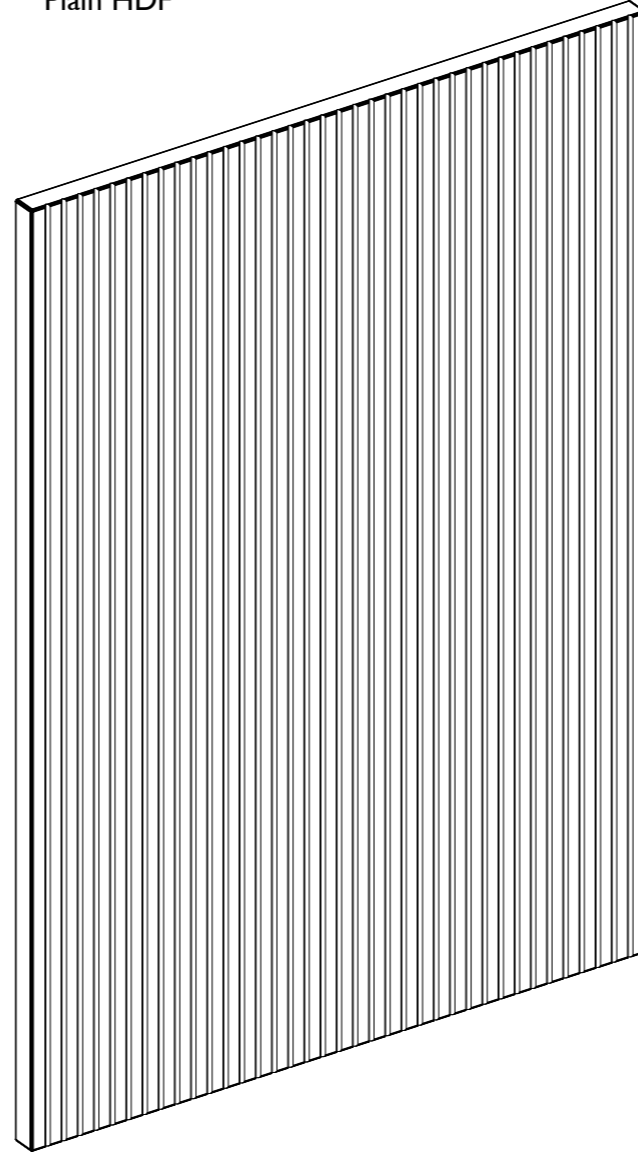
All equal spacing. Spacing set to max 85.
Spacing will vary from about 60-85 mm



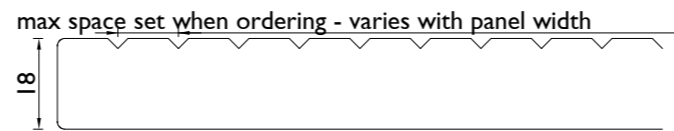
Minimum width 100mm
Minimum Height 10mm
Min Reduced DF N/A
Min for drawer pack N/A

Tennessee

HDF 2F (if you don't want to paint the back)
Plain HDF



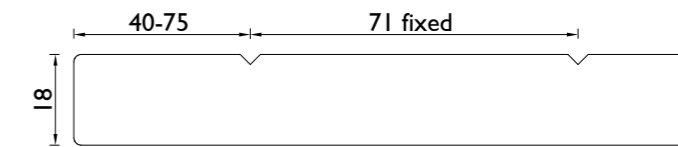
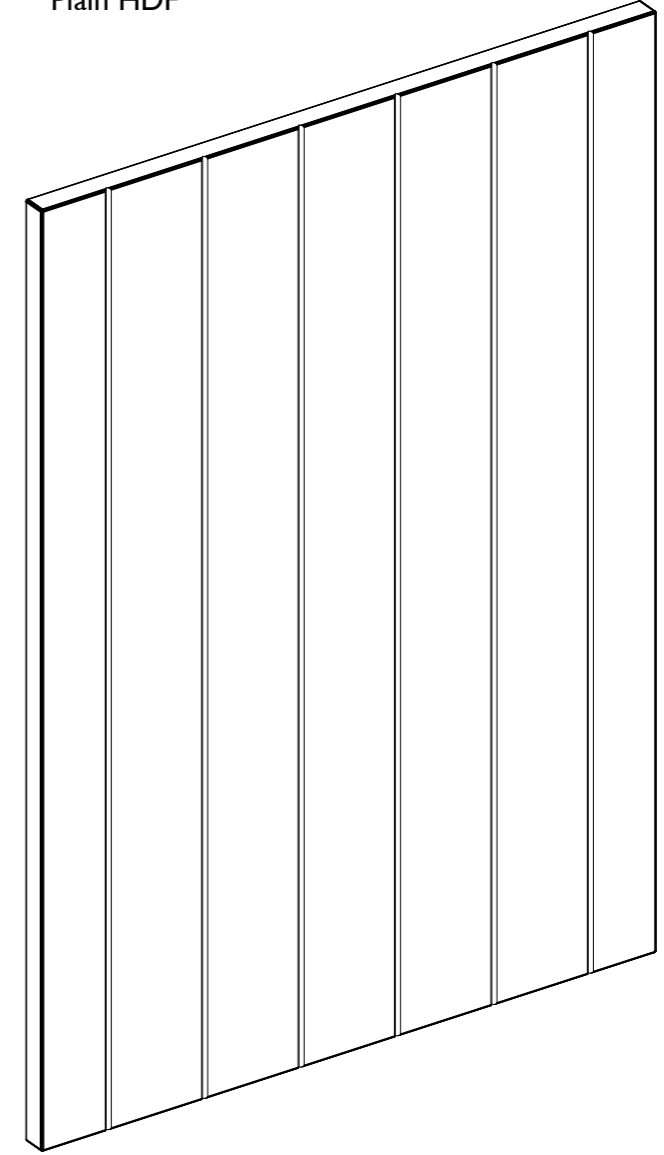
All equal spacing. When ordering, you can set
the max groove spacing to whatever you want



Minimum width 20mm
Minimum Height 10mm
Min Reduced DF N/A
Min for drawer pack N/A

Montana

HDF 2F (if you don't want to paint the back)
Plain HDF

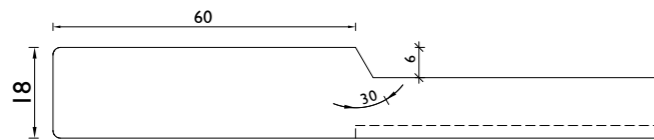
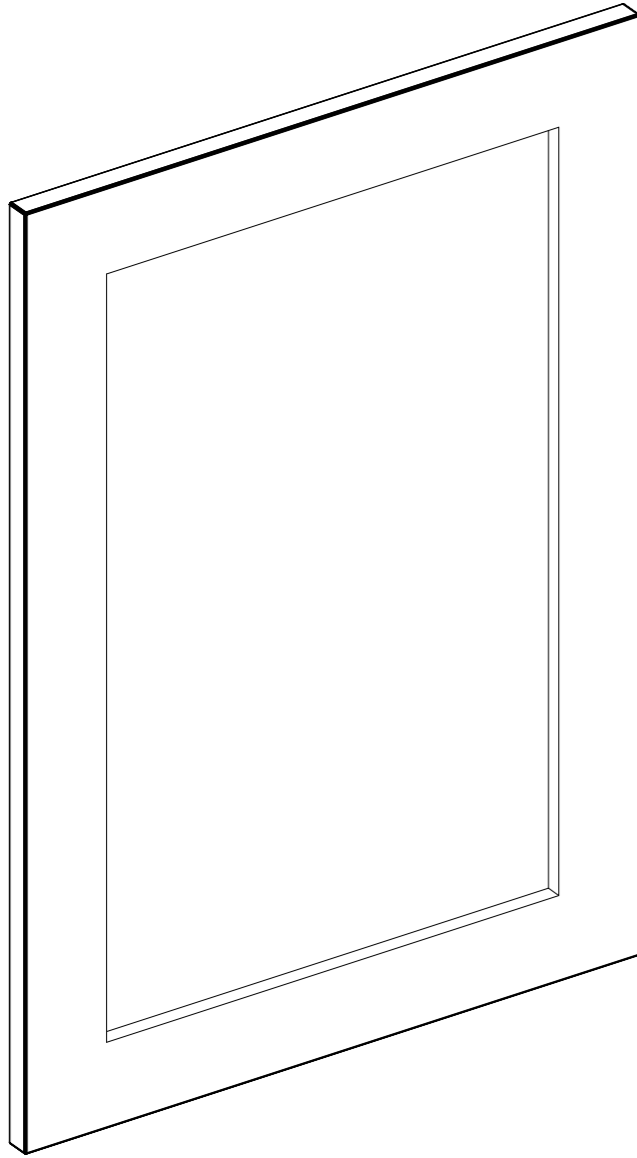


Minimum width 100mm
Minimum Height 10mm
Min Reduced DF N/A
Min for drawer pack N/A

Sage Doors Optidoor®

Florida

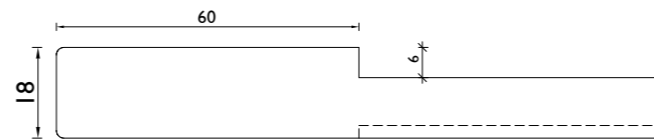
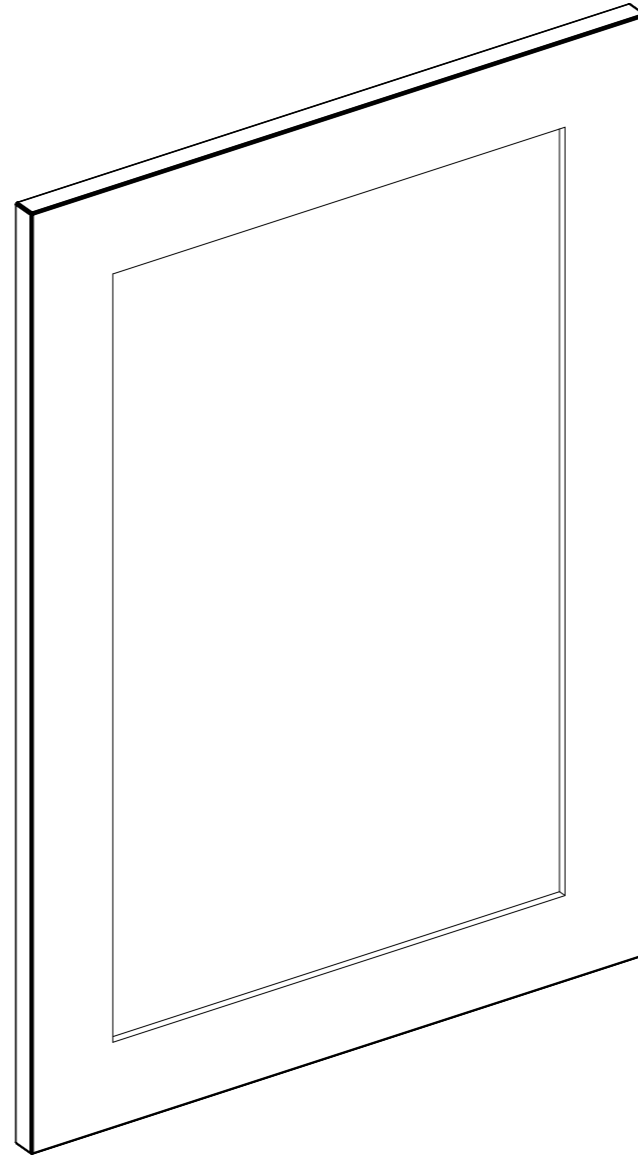
HDF IF
HDF pocket back for reduced bowing



Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Oregon

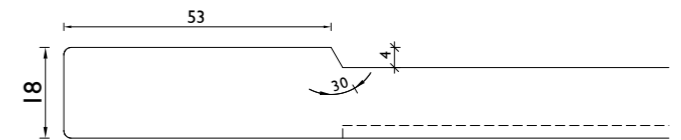
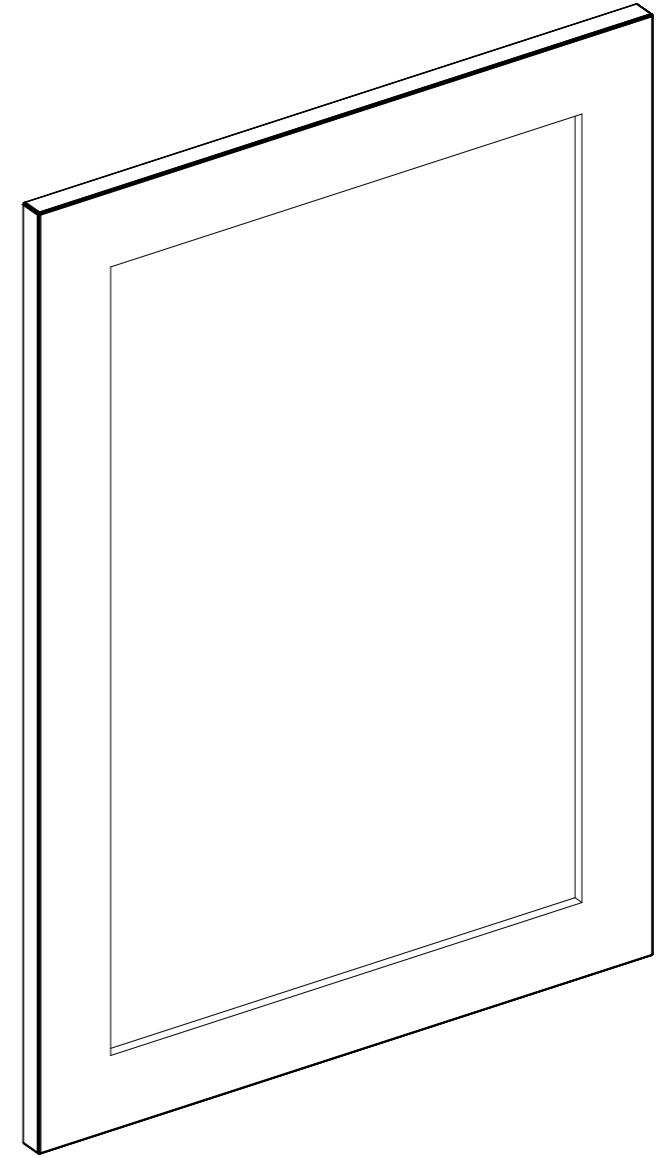
HDF IF
HDF pocket back for reduced bowing



Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Rhode Island

HDF IF
HDF pocket back for reduced bowing

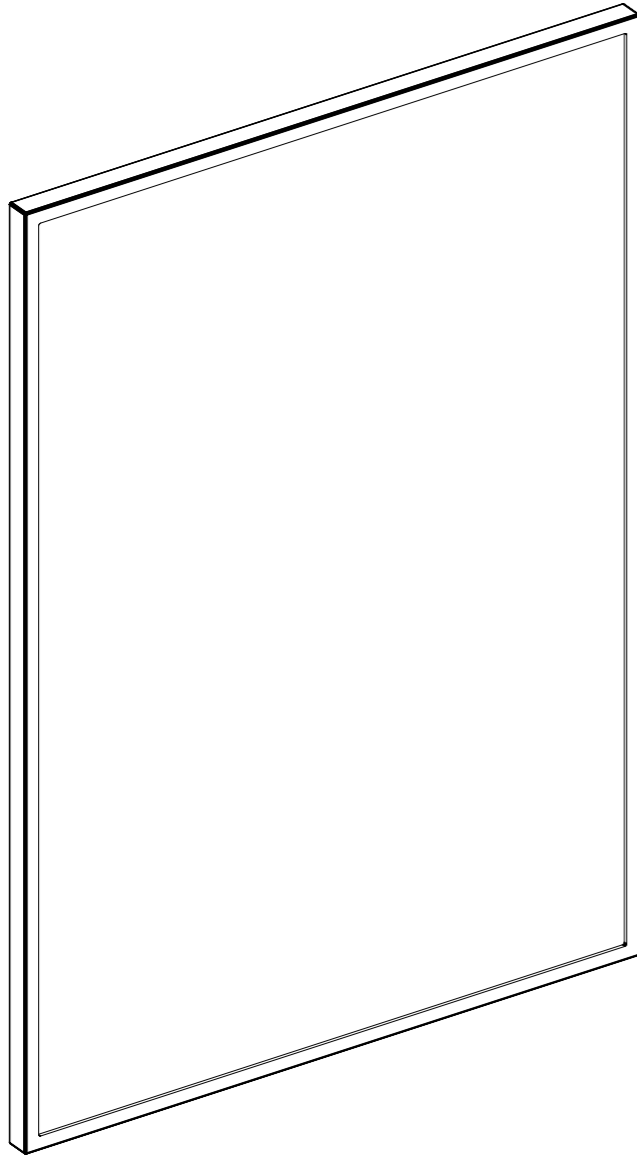


Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Sage Doors Optidoor®

Louisiana

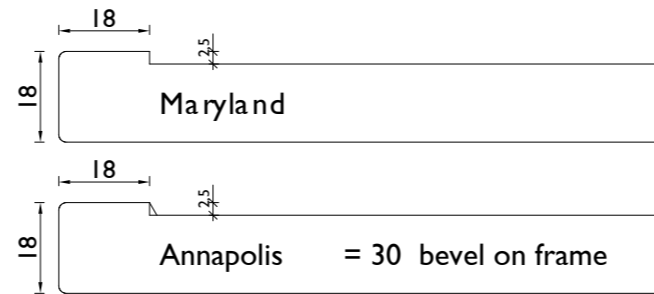
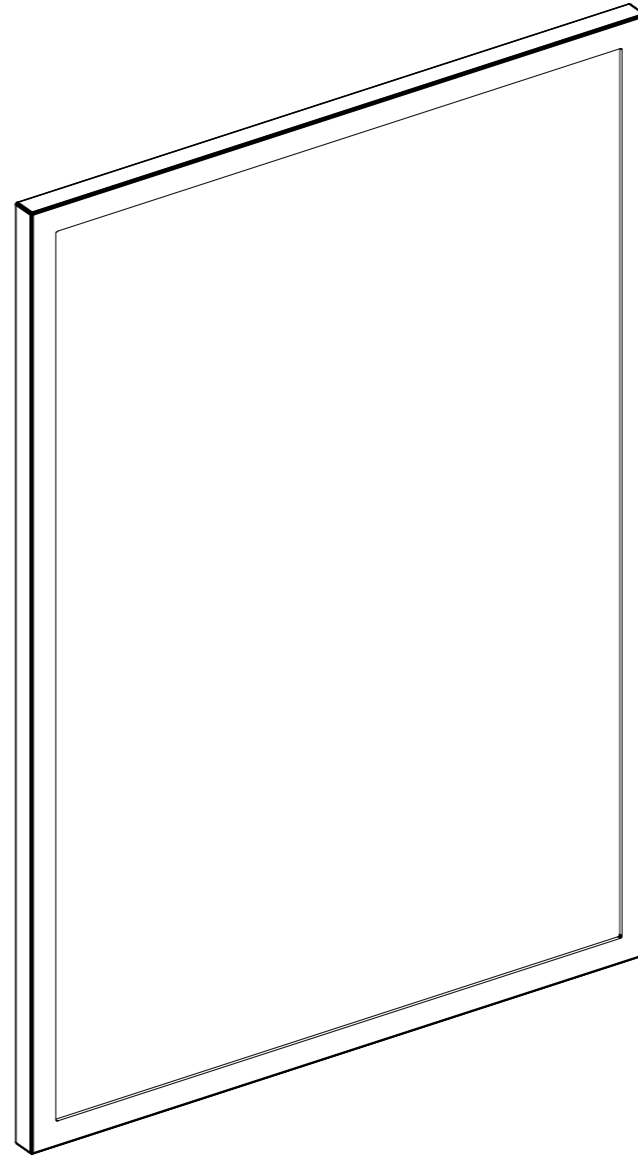
HDF 1F
HDF pocket back for reduced bowing



Minimum width 40mm
Minimum Height 40mm
Min Reduced DF N/A
Min for drawer pack 40mm

Maryland / Annapolis

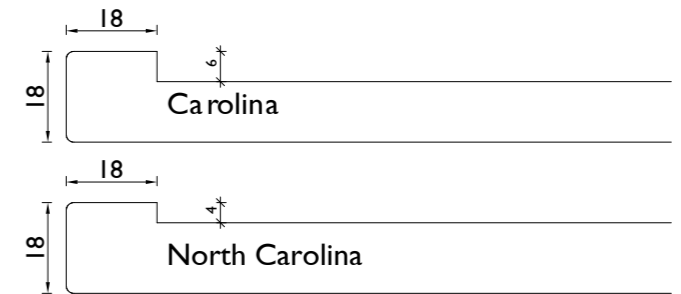
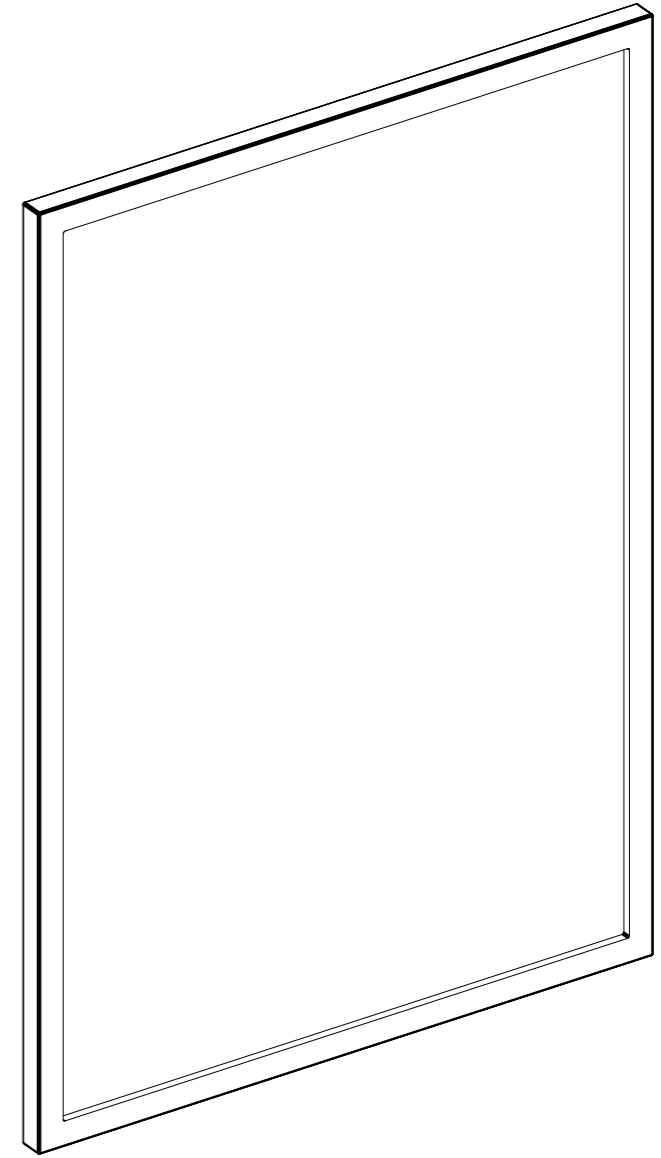
HDF 1F



Minimum width 40mm
Minimum Height 40mm
Min Reduced DF 40mm
Min for drawer pack 40mm

Carolina

HDF 1F

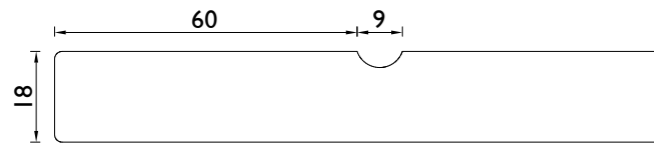
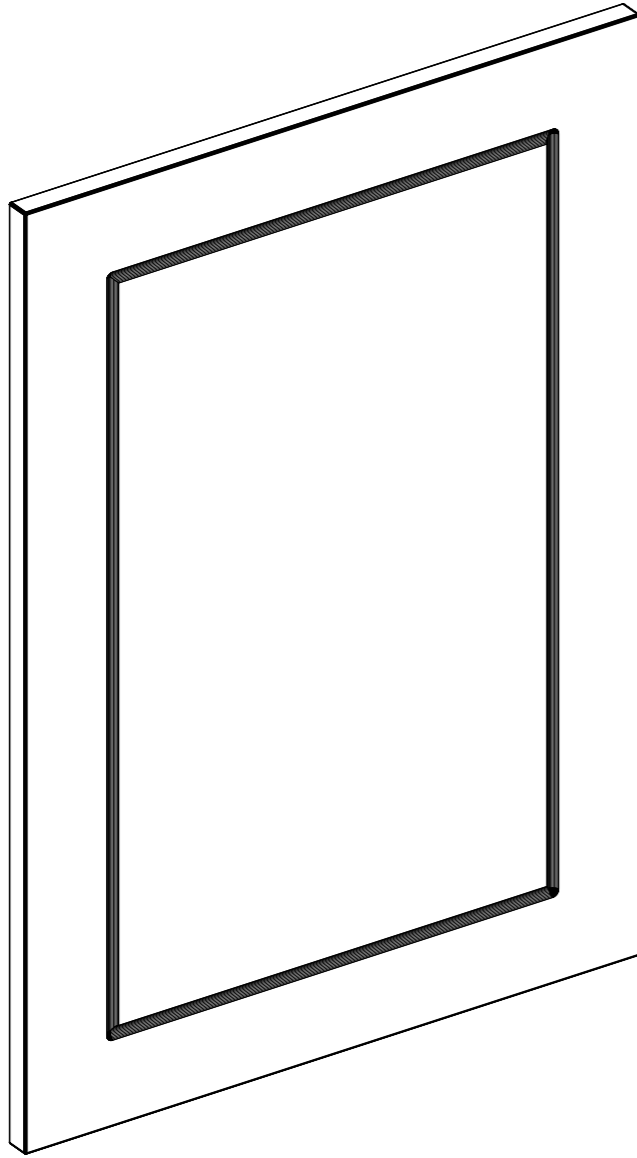


Minimum width 40mm
Minimum Height 40mm
Min Reduced DF 40mm
Min for drawer pack 40mm

Sage Doors Optidoor®

Mississippi

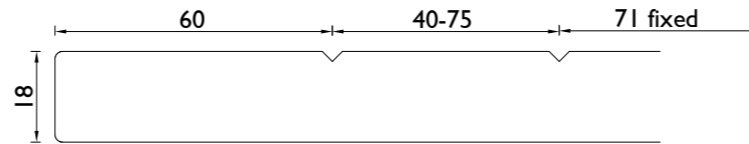
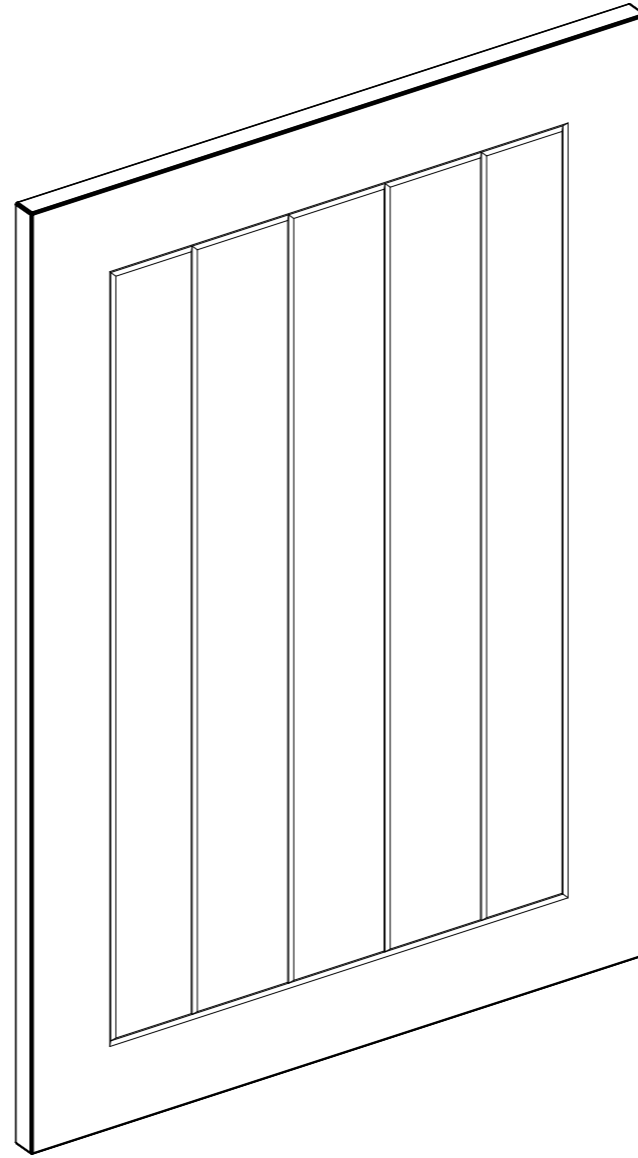
HDF 2F (if you don't want to paint the back)
Plain HDF



Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Okla homa

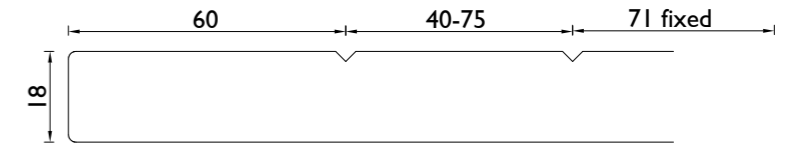
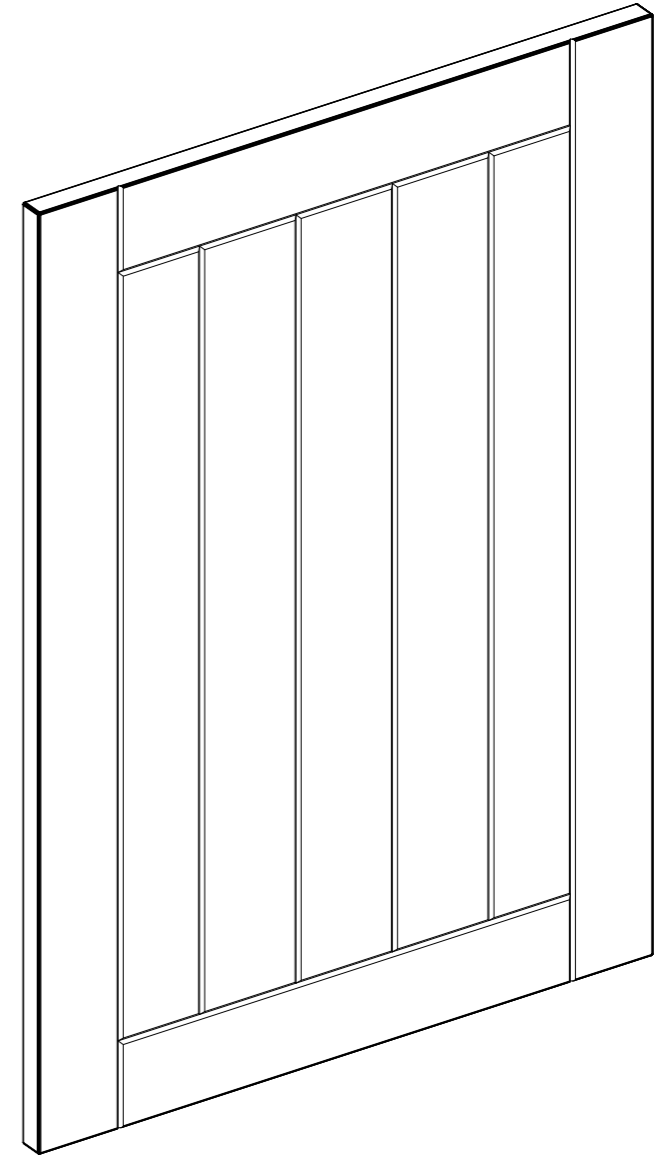
HDF 2F (if you don't want to paint the back)
Plain HDF



Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Wisconsin

HDF 2F (if you don't want to paint the back)
Plain HDF

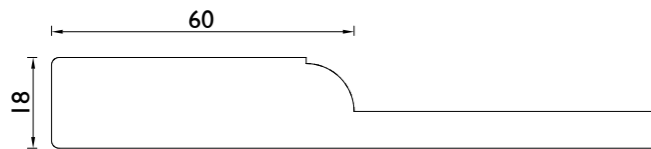
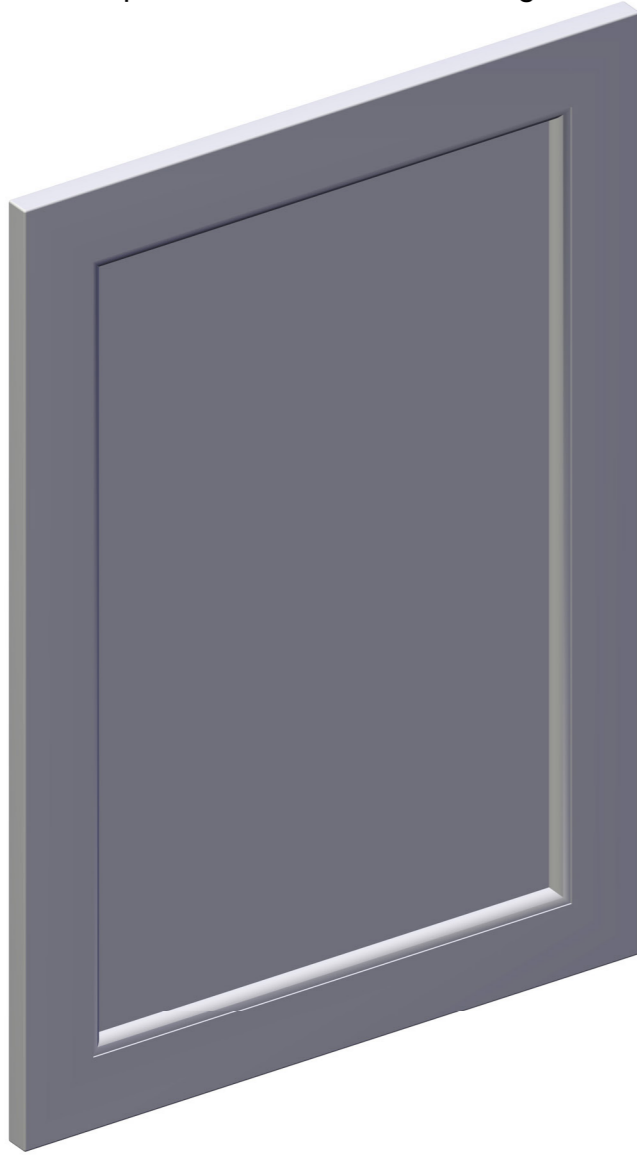


Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Sage Doors Optidoor®

Michigan

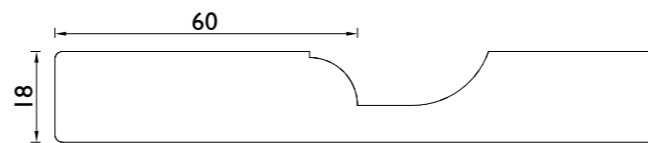
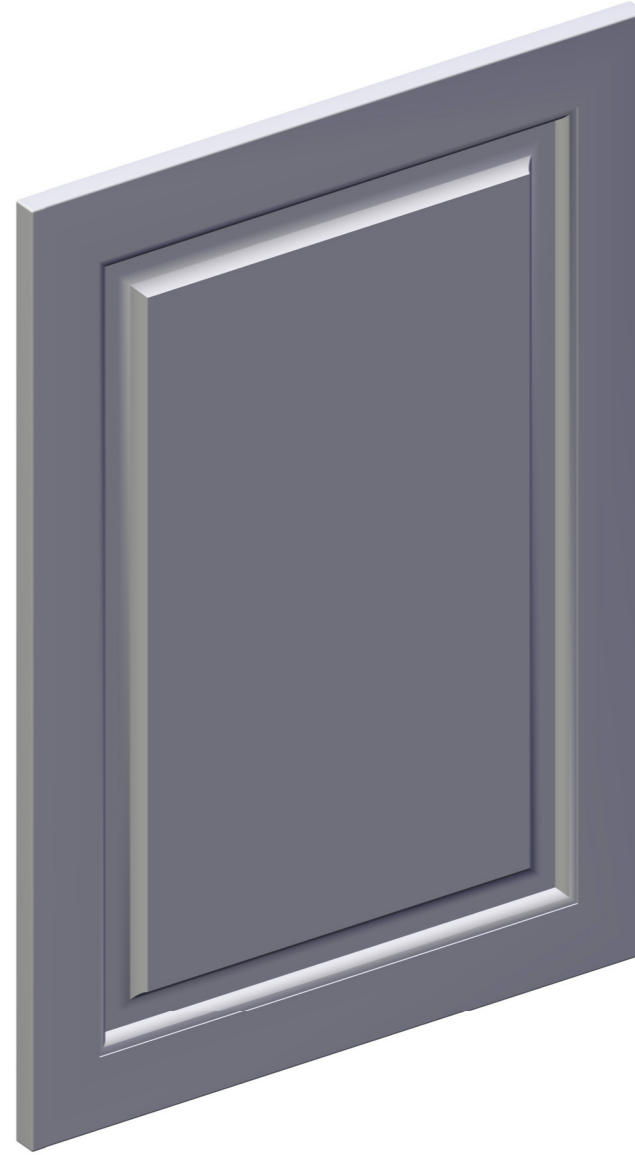
HDF 1F
HDF pocket back for reduced bowing



Minimum width	150mm
Minimum Height	150mm
Min Reduced DF	100mm
Min for drawer pack	100mm

Arizona

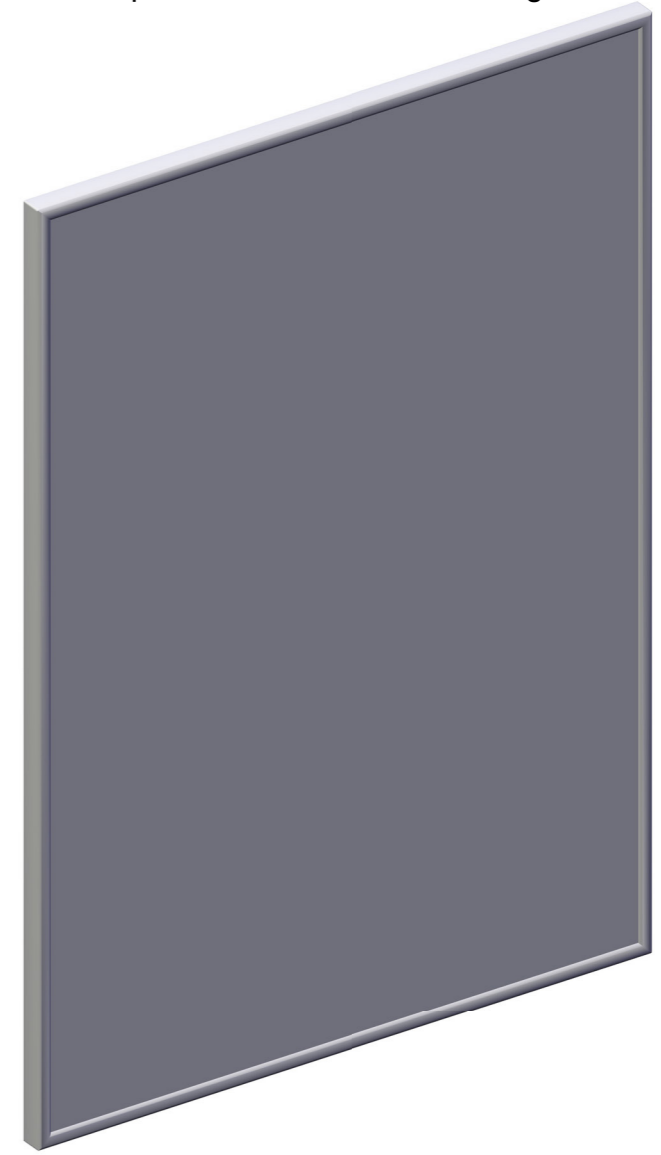
HDF 2F (if you don't want to paint the back)
Plain HDF



Minimum width	180mm
Minimum Height	180mm
Min Reduced DF	120mm
Min for drawer pack	100mm

Georgia

HDF 1F
HDF pocket back for reduced bowing

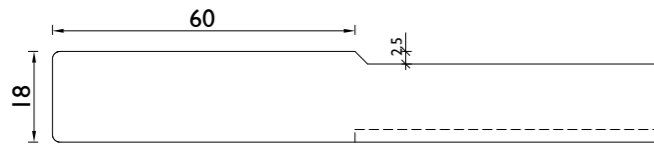
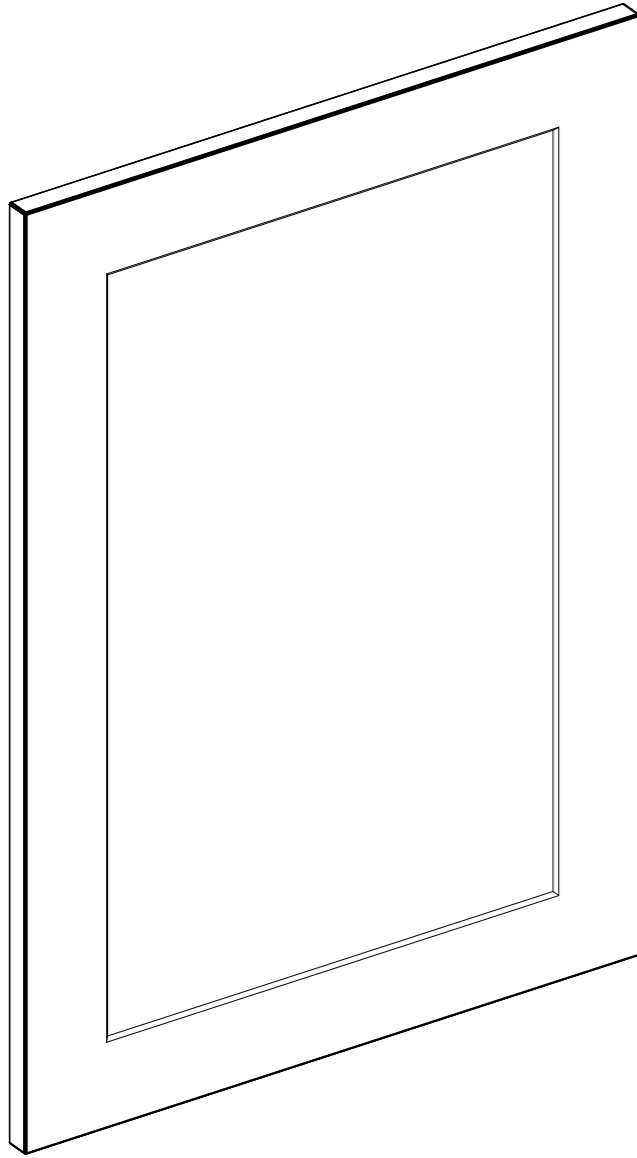


Minimum width	40mm
Minimum Height	40mm
Min Reduced DF	N/A
Min for drawer pack	40mm

Sage Doors Optidoor™

Utah

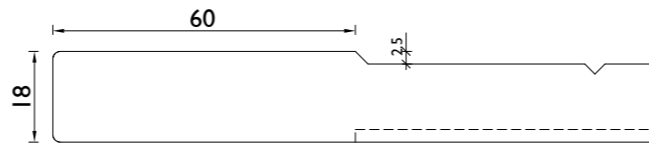
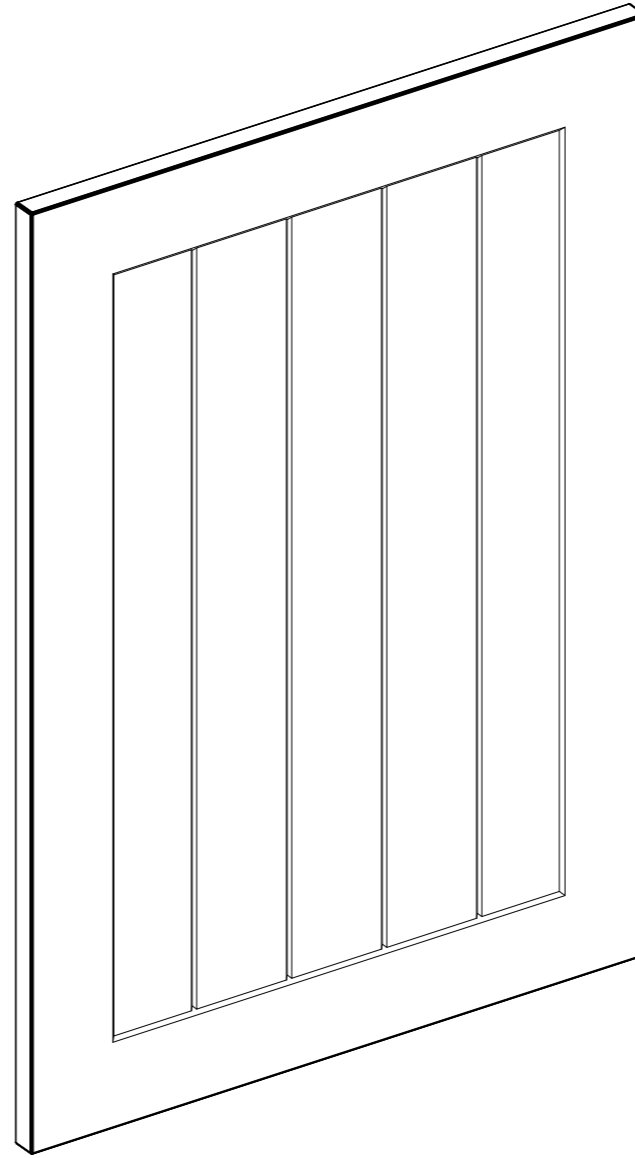
HDF IF
HDF pocket back for reduced bowing



Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Washington

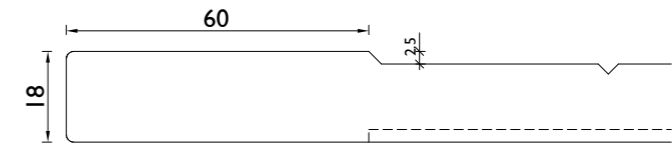
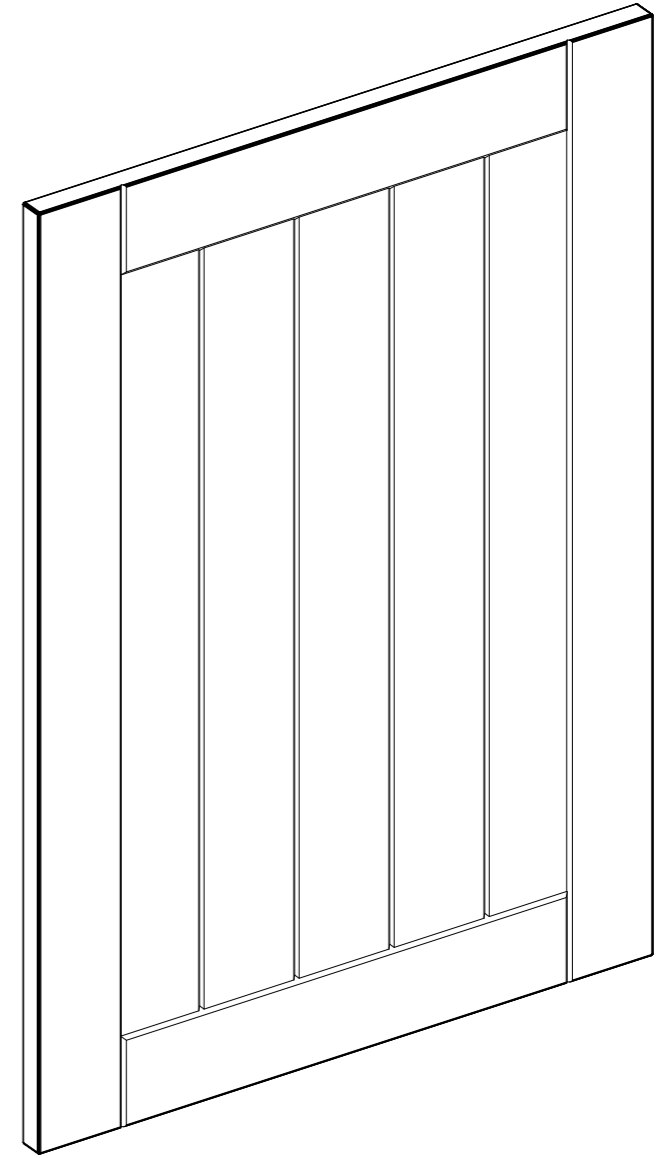
HDF IF
HDF pocket back for reduced bowing



Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Dakota

HDF IF
HDF pocket back for reduced bowing

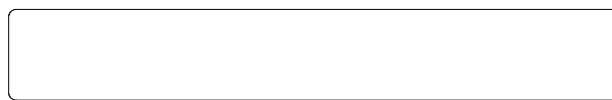
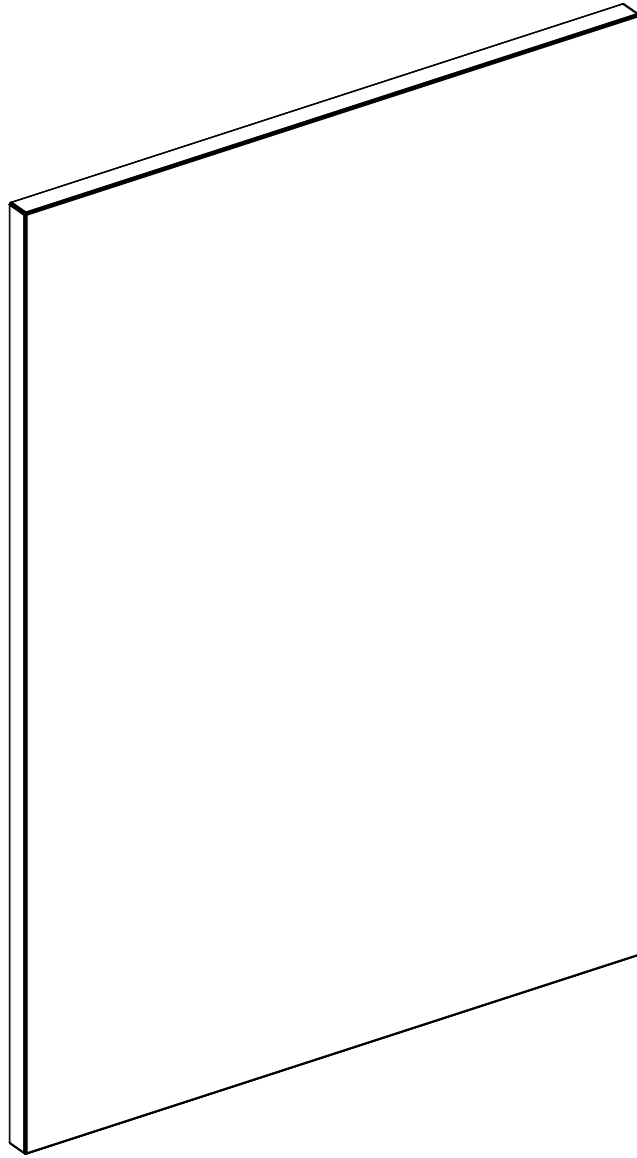


Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

Sage Doors Optidoor®

Texas

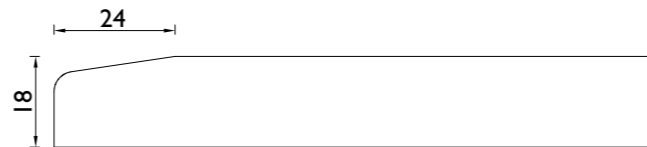
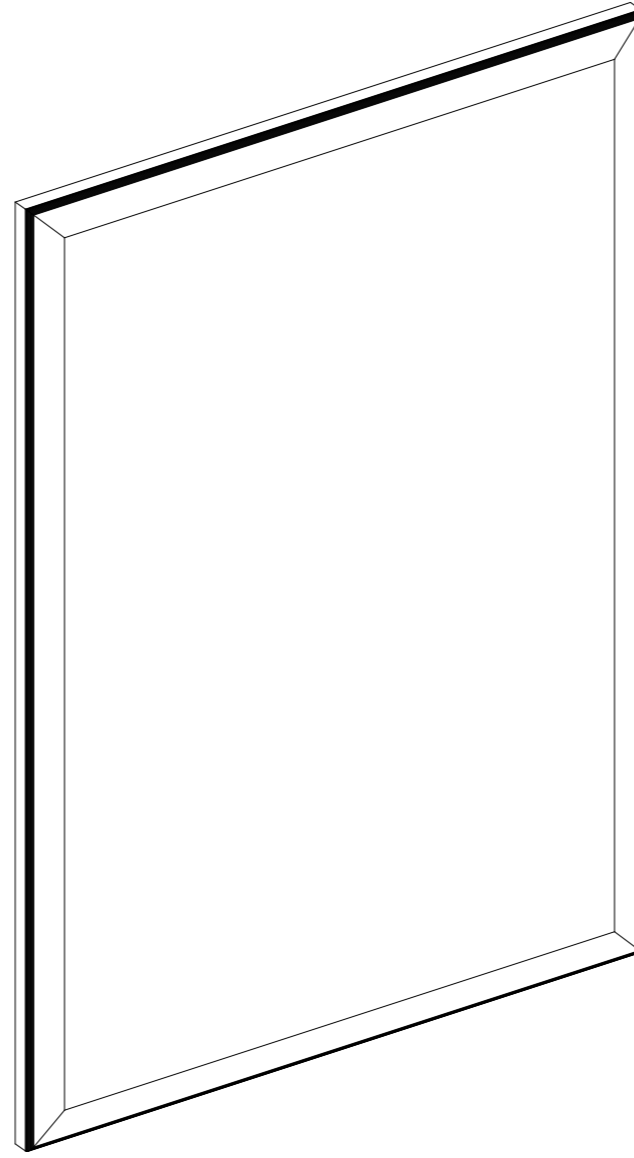
HDF 2F (if you don't want to paint the back)
Plain HDF



Minimum width	10mm
Minimum Height	10mm
Min Reduced DF	N/A
Min for drawer pack	N/A

Colorado

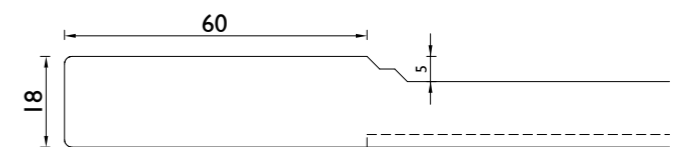
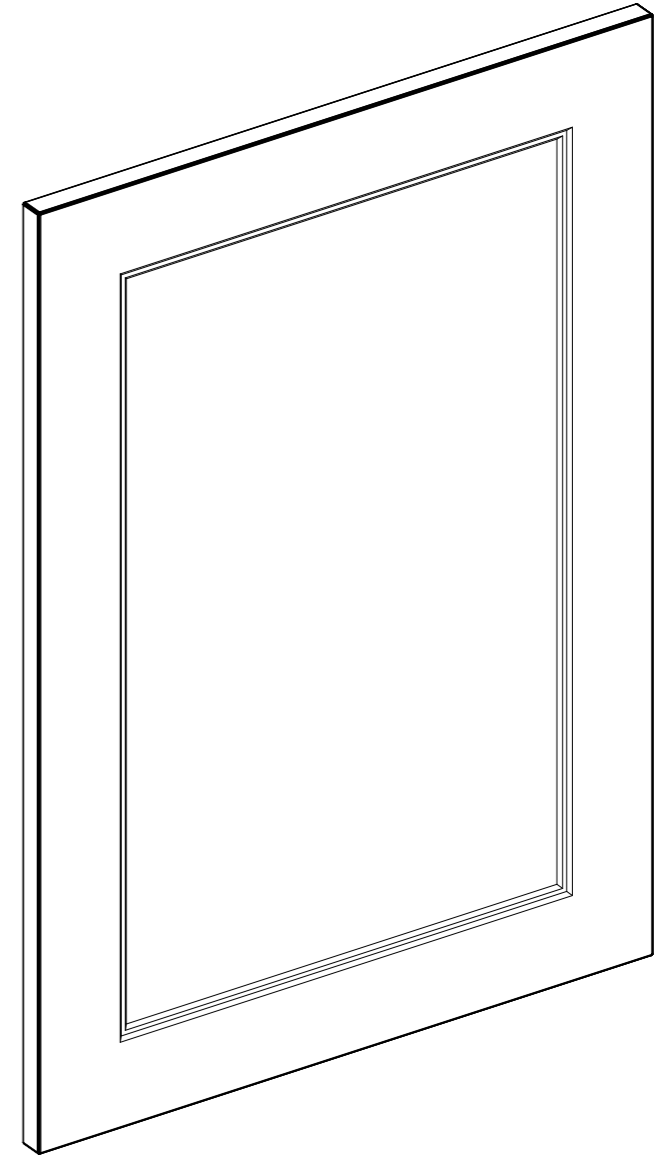
HDF 2F (if you don't want to paint the back)
Plain HDF



Minimum width	70mm
Minimum Height	70mm
Min Reduced DF	N/A
Min for drawer pack	50mm

Minnesota

HDF 1F
HDF pocket back for reduced bowing

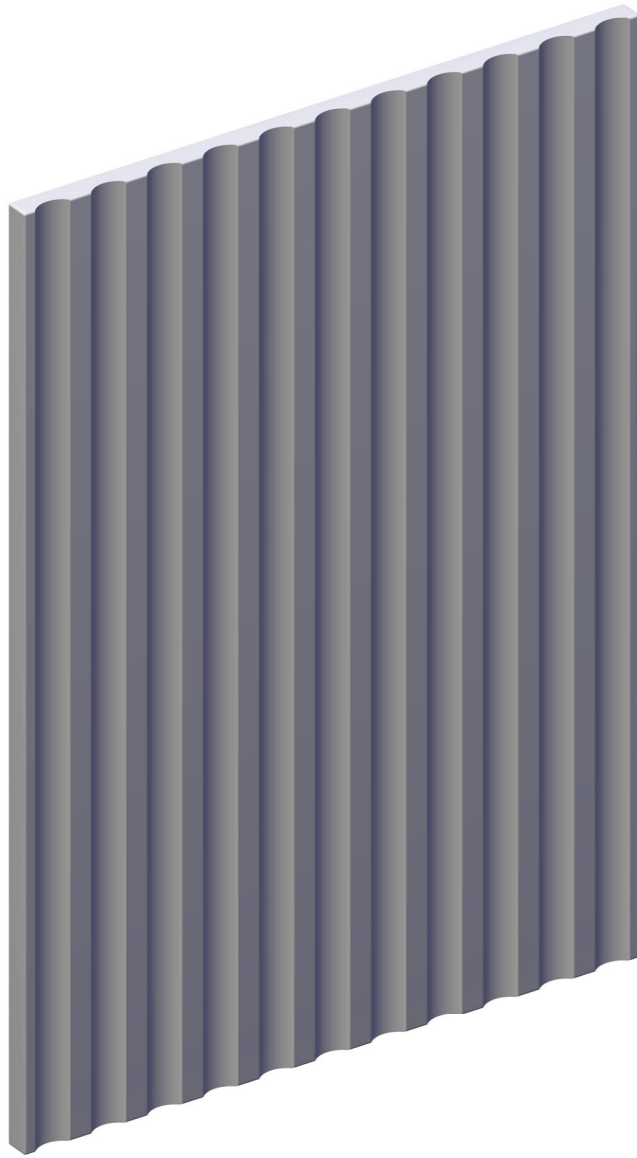


Minimum width	160mm
Minimum Height	160mm
Min Reduced DF	100mm
Min for drawer pack	100mm

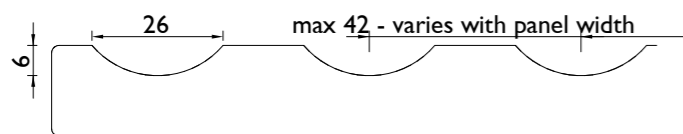
Sage Doors Optidoor®

Alaska

HDF 1F



42 mm is standard maximum spacing. When ordering, you can set the maximum spacing to whatever you want



Customisable Width

Groove width is set at 26mm

Profile Width = the width of the groove + the flat.

You choose the max profile width.

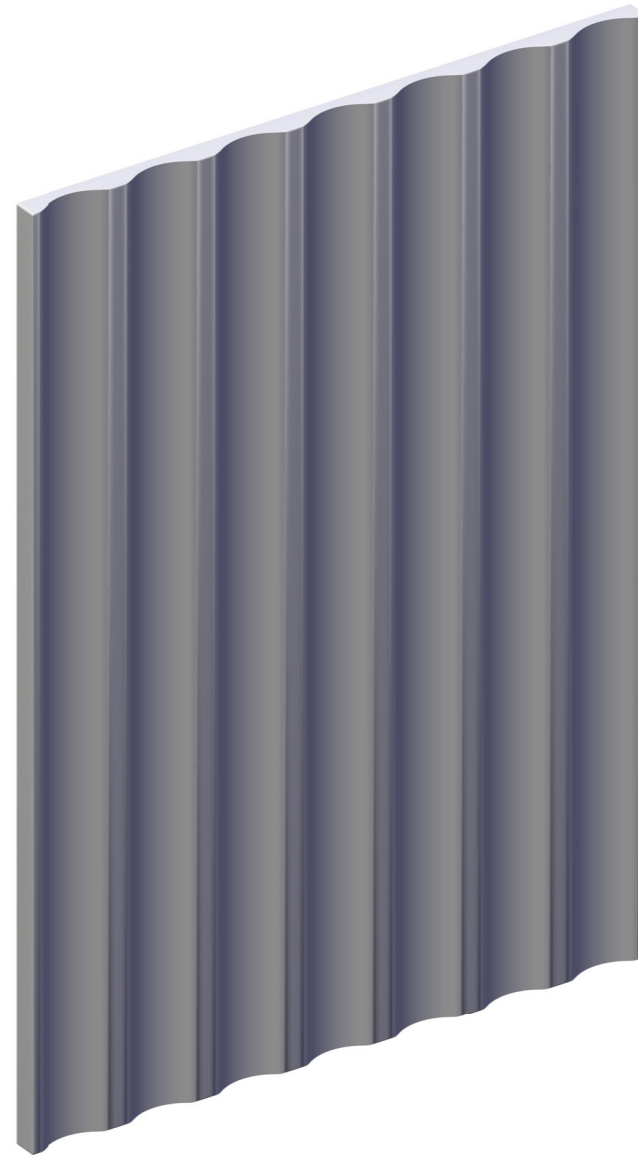
On the website, the actual calculated profile width and flat width is displayed.

The flat spots on each side of the panel will be half of the centre flat spot widths. You can also use Extra lengths + or - to adjust the outside flat widths.

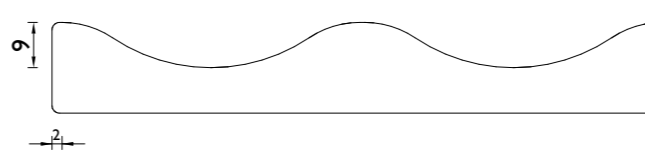
Note: This profile is likely to bow.

Kansas

HDF 1F



min 60 - varies with panel width



Minimum width 124mm

Minimum Height 10mm

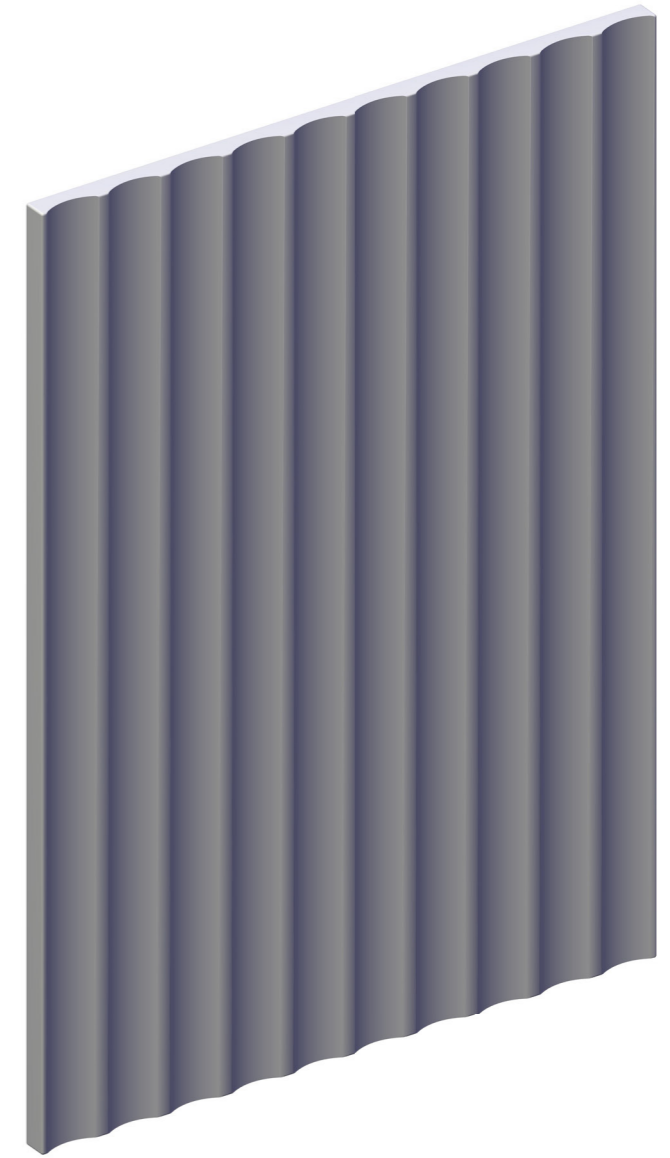
Min Reduced DF N/A

Min for drawer pack 50mm

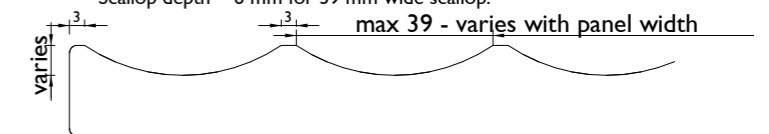
Note: This profile is prone to bowing. If using for doors or drawer fronts, undercoat panels immediately upon receiving order or you can ask us to undercoat them for you.

California / San Diego

HDF 1F



3 mm is the standard flat spot width. When ordering, you can set the flat spot width to whatever you want. Scallop depth = 6 mm for 39 mm wide scallop.



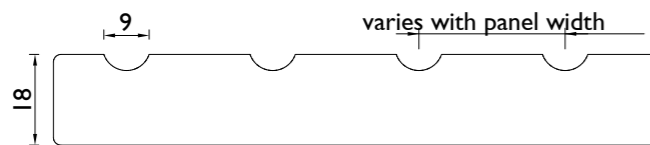
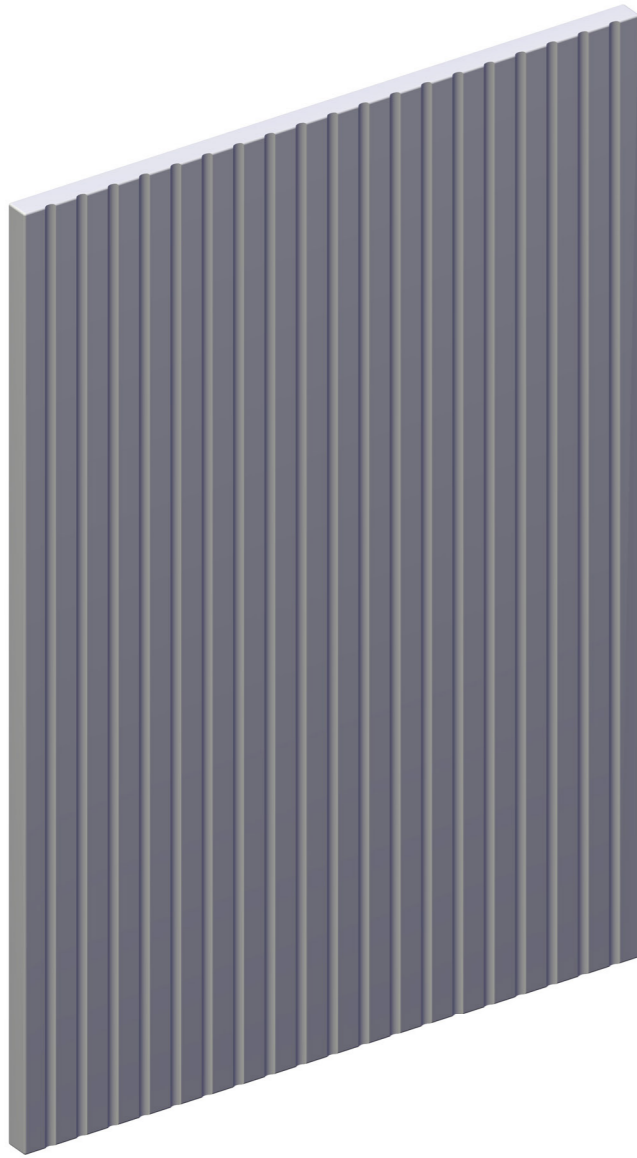
Notes on how to order doors:

To maintain consistent flat spot width across all of the flats including the side flats, we vary the width of each scallop by adjusting the scallop depth. If you want consistent width scallops over your job, order your panel widths as:
 $(39 + \text{flat spot width}) \times (\text{number of scallops}) + \text{flat spot width} + \text{left extra length} + \text{right extra length}$.

Note: This profile is prone to bowing. If using for doors or drawer fronts, undercoat panels immediately upon receiving order or you can ask us to undercoat them for you.

Sage Doors Optidoor®

Iowa
HDF 1F



Customisable Width

Groove width is set at 9mm

Profile Width = the width of the groove + the flat.

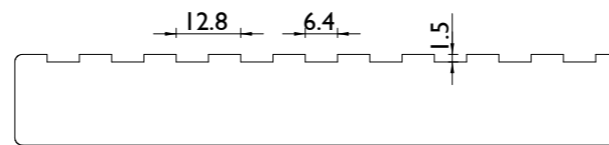
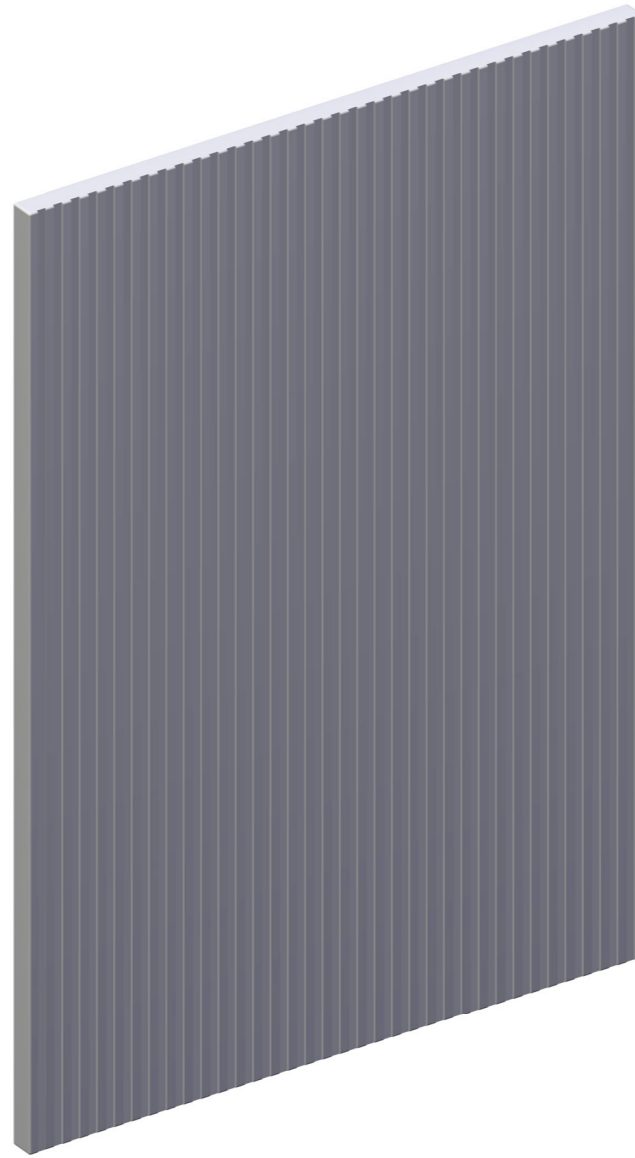
You choose the max profile width.

On the website, the actual calculated profile width and flat width is displayed.

The flat spots on each side of the panel will be half of the centre flat spot widths. You can also use Extra lengths + or - to adjust the outside flat widths.

Note: This profile is likely to bow.

Chicago
HDF 1F



Fully customisable widths and depths.

Default sizes as shown.

Groove Width = the width of the groove.

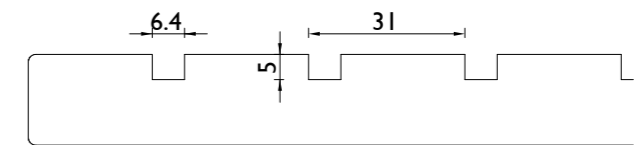
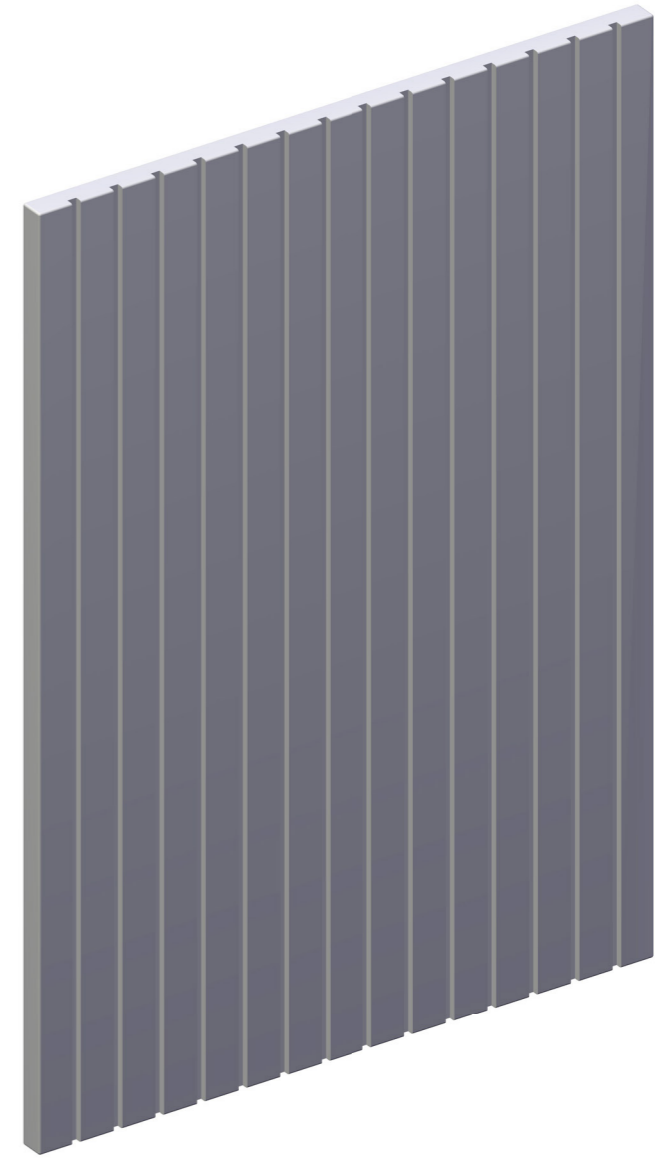
Profile Width = the width of the groove + the flat.

You choose the max Profile width.

On the website, the actual calculated profile width and flat width is displayed. You can also use Extra lengths on Left and Right to adjust the flat widths on each side.

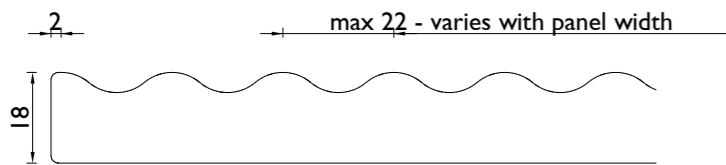
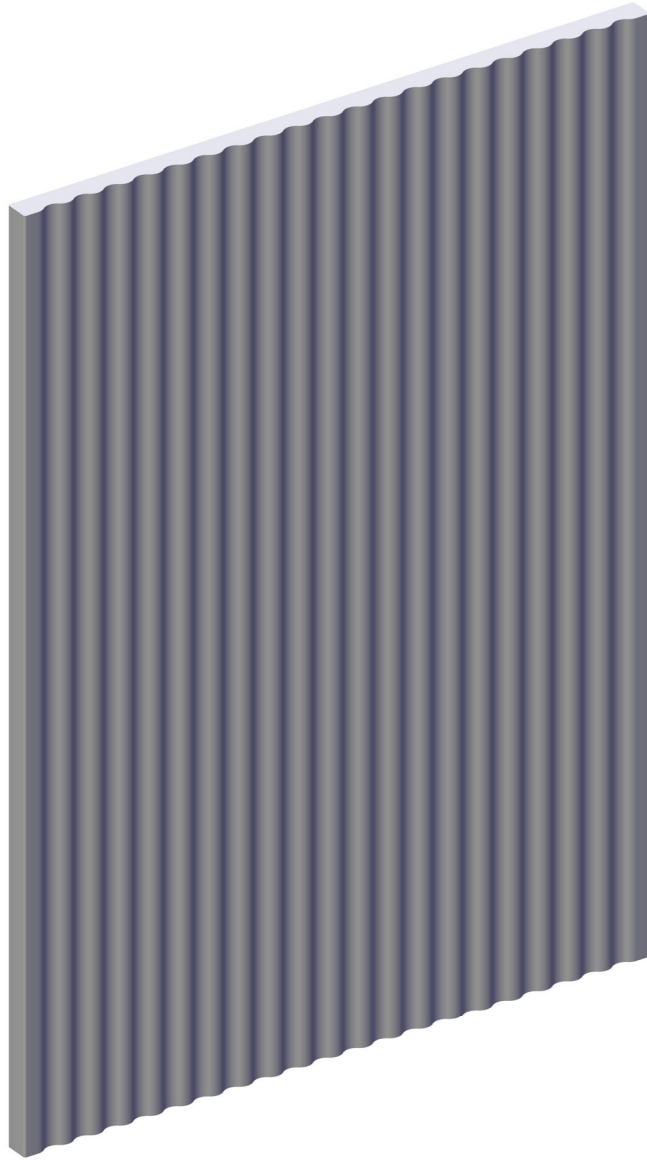
Note: This profile is likely to bow.

Illinois
HDF 1F



Sage Doors Optidoor®

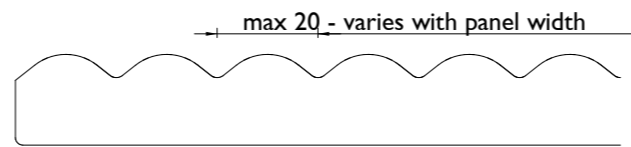
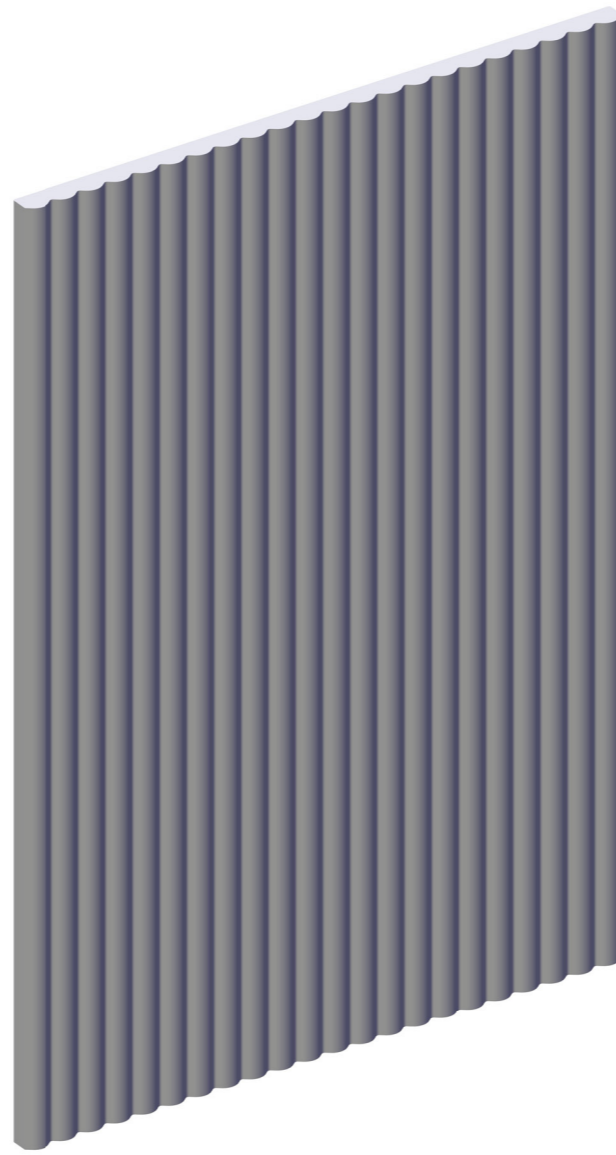
Hawaii
HDF IF



Minimum width 100mm
 Minimum Height 100mm
 Min Reduced DF N/A
 Min for drawer pack N/A

Note: This profile is prone to bowing.

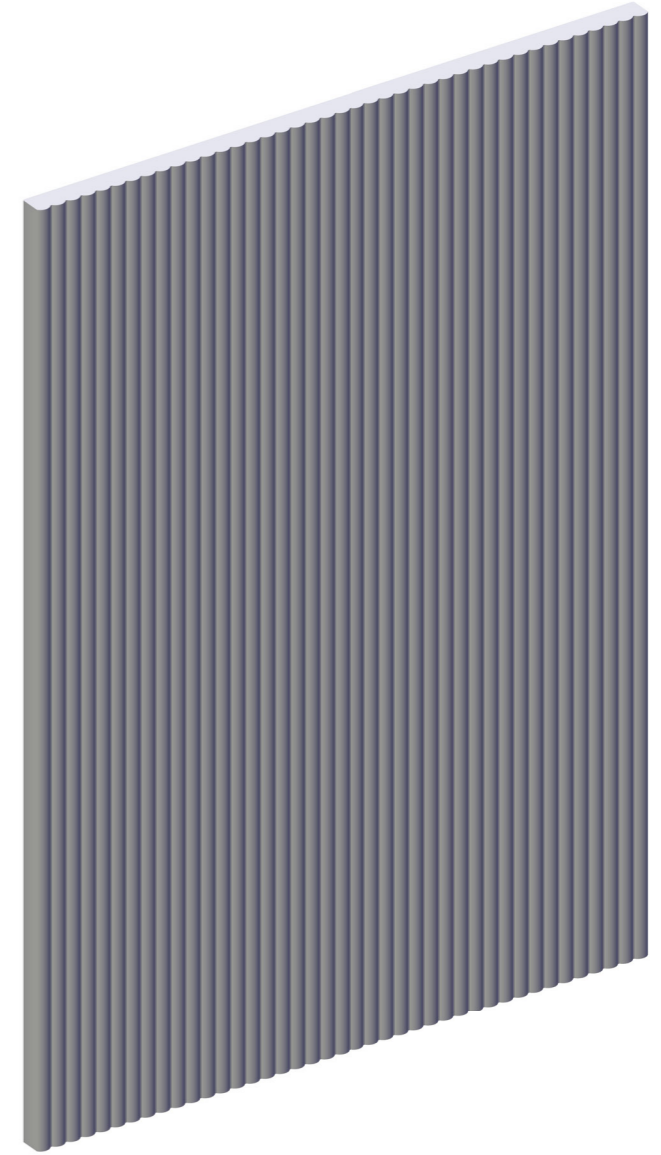
Missouri
HDF IF



Minimum width 100mm
 Minimum Height 100mm
 Min Reduced DF N/A
 Min for drawer pack N/A

Note: This profile is prone to bowing. If using for doors or drawer fronts, undercoat panels immediately upon receiving order or you can ask us to undercoat them for you.

Pennsylvania
HDF IF



All equal spacing. When ordering, you can set the max groove spacing to whatever you want.

11 mm = perfect bead = Smallest max spacing
 20 mm = looks like roller door slats. Order roller door from Sage Doors for curved panels.

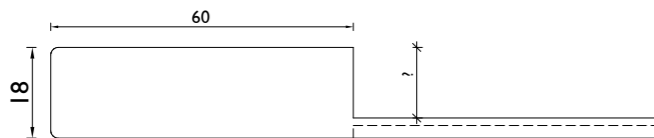
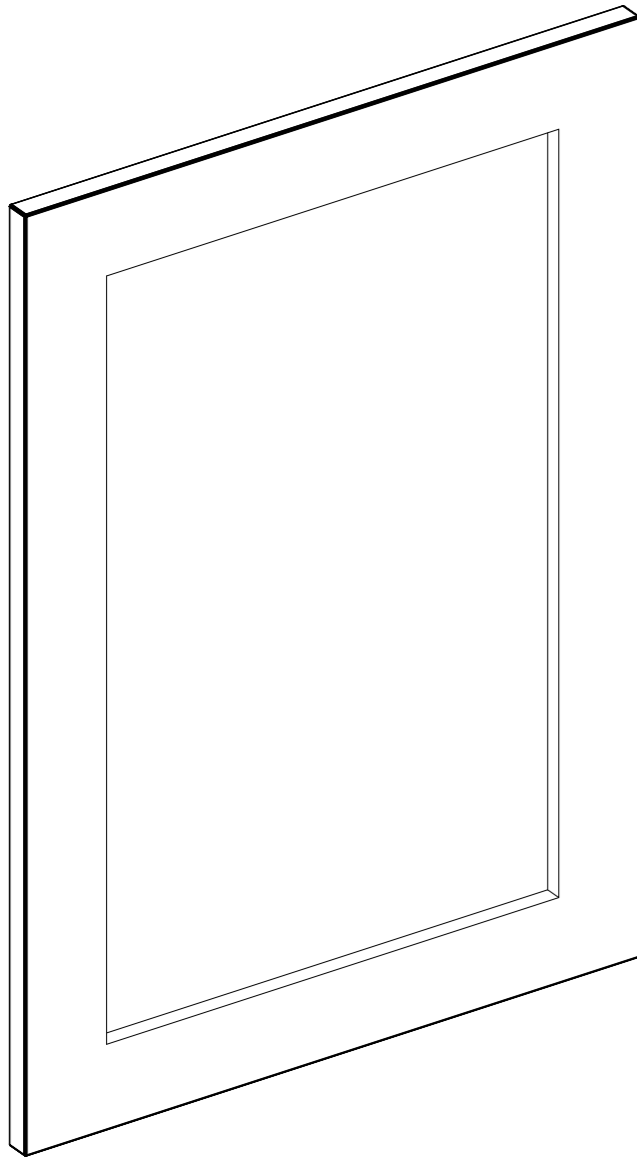
Note: This profile is prone to bowing. If using for doors or drawer fronts, undercoat panels immediately upon receiving order or you can ask us to undercoat them for you.

Sage Doors Optidoor®

Kentucky

HDF IF

HDF pocket back for reduced bowing

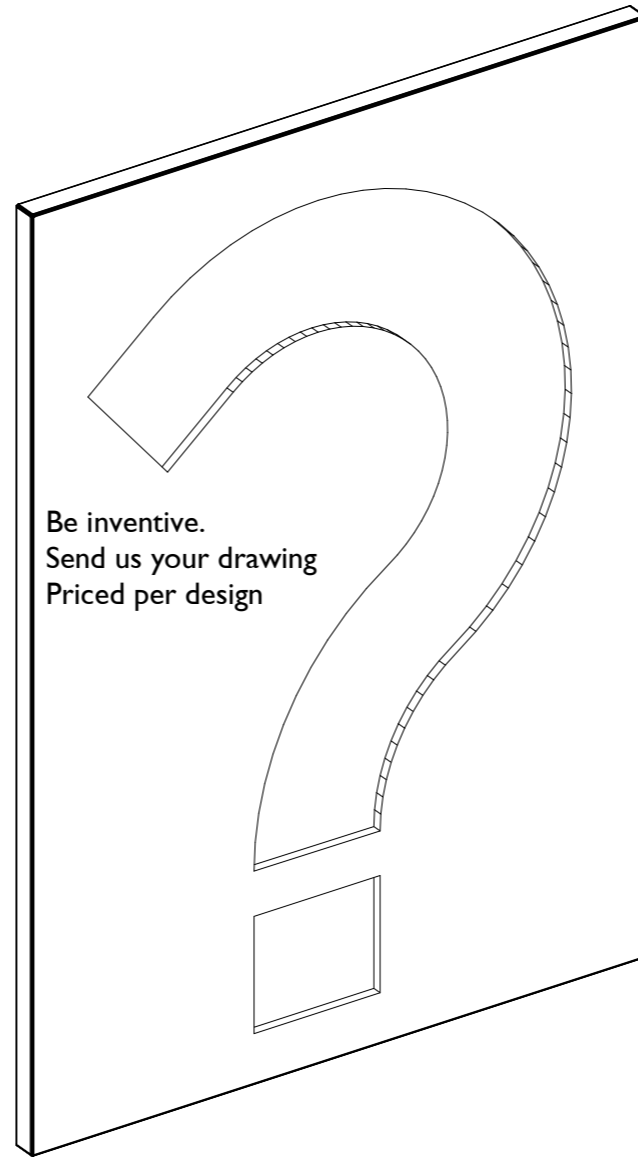


Minimum width 150mm
Minimum Height 150mm
Min Reduced DF 100mm
Min for drawer pack 100mm

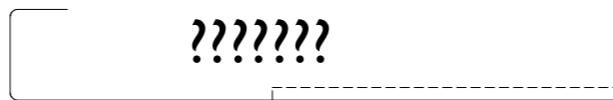
Connecticut

HDF IF

HDF pocket back for reduced bowing



Be inventive.
Send us your drawing
Priced per design



Minimum width ??
Minimum Height ??
Min Reduced DF ??
Min for drawer pack ??