

CURVALON PRODUCT SHEET

SYSTEM: CURVALON | STYLE: CONCAVE OR CONVEX



Custom-shaped veneered panels, manufactured from a flexible core and capable of meeting the design needs of any curved application.



Curvalon is a fully customizable, custom-curved panel application shaped to meet the design aesthetic of any space with a multi-step manufacturing approach to achieving concave, convex, or compound curved applications. Ample options are available for layout, attachment, and perimeter conditions. Curvalon can be manufactured into custom sizes up to 48" x 120". Rigid panels are supplied with shaping ribs and edge returns while flexible panels are kerfed for in-field flexibility.

Curvalon is only available in veneer.



DESIGN

Curvalon is a fully-accessible ceiling or wall system unless direct-screw attached. Panels are suspended from grid by hanger wire or aircraft cable, C-Hangers, Torsion Springs & Saddle Clips, or direct screw attachment. Wall panels are attached with Z-Clips. Attachment methods may be limited by shape of panel.



ACOUSTICS

Curvalon can be installed with or without a p-gasket or fabric infill at reveals, allowing sound passage to the plenum. Curvalon is considered **acoustically reflective**.



FIRE PERFORMANCE

Curvalon can be treated to meet **Class A** as per ASTM E-84. Veneers are applied to an FR (Fire Rated) core (typically MDF or Particleboard).



SUSTAINABILITY

Curvalon contributes to sustainability initiatives like **WELL** and **LEED** through FSC compliance, NAF cores, HPDs, EPDs, and Indoor Advantage Gold certification.



SEISMIC

Curvalon may meet code compliance via **direct screw attachment** or Torsion Springs & Saddle Clips. Local code should be consulted for additional seismic requirements.



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PRODUCT DETAILS

Curvalon can be customized to meet project requirements. The following details provide dimensional and layout-specific parameters:

SYSTEM	FLEXIBLE	RIGID
R (MIN RADIUS)	120"	18"
H (RETURN HEIGHT) ¹	3/4"	3"
T (FACE THICKNESS)	3/4"	
W (MAX WIDTH)	48"	
L (MAX ARC LENGTH) ²	120"	

¹**Height** - Custom return heights available for >3"

²**Length** - Length of the arc, not overall panel length

