SLOTWALL SPECIFICATIONS

This chart is intended to be used as a reference for the recommended loading levels for the **Slotwall** panels.

When analyzing the load on a shelf, the point of reference from the face of the panel is ½ the Depth of the shelf. Maximum weight should have 6" on each side of the bracket free of weight.

	Raw MDF SLOT	PVC Channel	Aluminum Channel
8" Shelf Bracket	**110 lbs**	**175 lbs**	**200 lbs**
10" Shelf Bracket	**85 lbs**	**100 lbs**	**160 lbs**
12" Shelf Bracket	**65 lbs**	**90 lbs**	**120 lbs**

The load on a hang rod is evaluated on the distance from the face of the panel to the end of the bracket.

A 48" hang rod held by two 12" hang rod brackets set at 32" apart.

Raw MDF SLOT	Aluminum Channel
59 lbs	**90 lbs**

A 48" hang rod supported by three 12" hang rod brackets set at 16" on center.

Raw MDF SLOT	Aluminum Channel
70 lbs	**120 lbs**

PHYSICAL PROPERTIES

Density – Average	47 pcf
Internal Bond	115 psi
Modulus of Rupture	4500 psi
Modulus of Elasticity	5000,000 psi
Screw Holding Face (a)	400 lbs
Screw Holding Edge (a)	350 lbs
Thickness Swell – 24 hr. soak test	15 %
Water Absorption – 24 hr. soak test	30 %
Surface Porosity	20
Maximum Grit Content	0.05%
Maximum Linear Expansion and Contraction	0.30%
Thickness Tolerance	+/-.005"
Length and Width Squareness	+/-1/32 in/ft
Length and Width Tolerance	+/-1/16 in/ft
Standard Grit Finish	150 grit
Specialty Grit Finish	180 grit

(a) Force required to extract a No. 10 1" sheet metel screw.