

Comparison specifications



Physical properties	Slatwall	storeWALL
Density – Average	48.11 / cu ft	16 / cu ft
Typical panel size	4' x 8' (32 sq ft)	15" x 8' (10 sq ft)
Typical panel weight	90 – 110 lbs (3-5 lbs / ft)	16.4 lbs (1.6 lb / ft)
Max panel length – seamless	12 ft	39 ft
Decorative surface thickness	.01" to .05"	.687" (11/16')
Modulus of rupture	5,000 psi	TBD
Modulus of Elasticity – Average	400,000 psi	TBD
Internal bond	100 psi	TBD
Water absorption – (24 hrs> Soak Max. – Average)	20%	0%
Linear expansion	.35%	0%
Thickness swell	10%	0%
Edge screw holding	275 lbs	TBD
Face screw holding	325 lbs	TBD
Moisture content – as shipped	4-9%	0%
Dimensional Tollerances:		
Thickness	+ .016"	-/+ .008"
Width	-/+ .0625"	-/+ .031"
Length	-/+ .0625"	-.0" / +.177"
Squareness – diagonally	-/+ .125"	-/+ .094"
Groove dimensions		
Groove	.25"	.20"
Lip	.25"	.25"
Back	.25"	.25"
Opening	.375"	.375"
Formaldehyde emission	>.3 ppm	0.00 ppm
Flame spread	76	45
Fire classification	IIIC	IIB

Loading:

	Distance from panel face						
	4"	6"	8"	10"	12"	14"	16"
Raw MDF	60	50	42	35	29	20	12
w/PVC Insert	78	68	59	50	41	32	25
w/Aluminum Insert	128	110	95	78	60	45	30
storeWALL HeavyDuty	148	125	110	88	70	52	35

Flame spread:

storeWALL	45 (Rating B)
Typical slatwall flame spread index ratings:	
MDF slatwall w/HPL	100 (Rating C)
MDF slatwall w HPL/w vinyl insert	150 (Rating C)
Raw MDF slatwall	160 (Rating C)
MDF slatwall w/Veneer	170 (Rating C)
MDF slatwall w/Melamine	175 (Rating C)

Flame Spread Index	Class
0 to 25	A
26 to 75	B
75 +	C