

# 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                     |
| Smoke  | 225                         | 755                    |
| 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     |