



B+N Industries, Inc.

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Structural Capacities - System 1224- Accessories at 14 deep

In partnership with an independent firm certified in structural engineering, B+N Industries endorses the below maximum weight capacity for System 1224. These weights assume City of Los Angeles dynamic loads and are dependent on the mounting conditions listed below. Any deviation in the mounting of the system will nullify the weight loads of the assembly.

Upright Mounting

System 1224 uprights are to be mounted to a fixed structural wall through the 11 individual mounting holes pre-drilled in the upright.

Fasteners to attach uprights to walls are not supplied by B+N due to the variety of onsite wall conditions and are the responsibility of a certified general contractor performing the installation.

Mandatory Mounting Conditions:

Weight listed depicts an even load, spread across the height of the upright.

Condition 1: Upright mounted through 5/8 Sheetrock to a wood stud, using #10 wood screws.

- 800 max load

Condition 2: Upright mounted through 5/8 Sheetrock to a 16 ga steel stud, using #10 Self Tapping screws.

- 800 max load

Condition 3: Upright mounted through 5/8 Sheetrock into continuous 1/2 plywood blocking, using #10 wood screws.

- 1000 max load

Condition 4: Upright mounted to four rows of 4 inch tall x 0.75 thick continuous fur strips, using #10 wood screws. Strips are spaced evenly across upright height and mounted to structural wall by certified general contractor.

- 400 max load

Condition 5: Upright direct mounted into 5/8 Sheetrock using commonly available plastic EZ Anchors.

B+N does not recommend or endorse this attachment method.

System 1224 Accessories

Weight listed depicts a uniform load spread across the surface of the accessory or point load at the tip or center of the accessory, as noted.

Each 1224 Steel Pin:

- 300 pounds at pin base.

240987 - 14" Faceout:

- 30 pounds at tip.

240988 - Saddle mount Faceout-14":

- 25 pounds at tip

240351 - Shallow Hangbar - 24":

- 130 pounds uniform load
- 60 point load at the center line.

240350 - Deep Hangbar - 24":

- 100 pounds uniform load
- 50 point load at the center line.

240930 - Flat shelf – 24w x 14d:

- 120 pounds uniform load
- 100 point load at center line

240931 - Flat shelf – 48w x 14d:

- 75 pounds uniform load
- 50 point load at center line

240094 - Down Shelf – 24w x 14d:

- 200 pounds uniform load
- 140 point load at center line

240935 - Down Shelf – 48w x 14d:

- 120 pounds uniform load
- 66 point load at center line

240963 - Down Shelf + Hangbar – 24w x 14d:

- 130 on hangbar uniform load
- 60 on hangbar point load at the center line

240932 - Up Shelf 24w x 14d:

- 300 pounds uniform load
- 220 point load at the center line

240933 - Up Shelf 48w x 14d:

- 150 pounds uniform load
- 120 point load at the center line

240882- Open Cube – 24w x 12t x 14d:

- 210 pounds uniform load per surface
- 140 pounds point load per surface