

# *Groves Incorporated*

Manufacturers of Ready Rack and Groves Glass & Stone Storage Systems  
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## **Assembly & Safety Instructions for USS-5 Universal Storage Systems**

**NOTE: USS-5 Universal Storage System has a 500-lb. max weight capacity between posts. (This max weight capacity is static, and does not take into consideration impact or dynamic forces.)**

1. Butt rails together in line for desired length.
2. Place the wood 2x4's in the slotted area, with the board overlapping the seam between the two rails, for added SAFETY.
3. Each pair of rails are placed parallel to each other
4. The spacing between the rails should provide approximately 6" of product overhang on the outside of each rail
5. Posts: Max material height is 48" (for 40" post height).
6. Material should be placed at a 90 degree angle to the rails. Do not angle the stone from one rail to the other.
7. Keep the material vertical when loading onto rack. The bottom of the stone resting on the 2x4 should be no more than 2" away from the bottom of the post
8. Make sure the weight is evenly distributed on the posts. When placing material in the rack they should touch both posts at the same time. **WARNING:** Failure to distribute weight evenly could apply more weight onto one post, causing it to bend.
9. Before each use, inspect all posts for bending. This could be due to previous overloading or uneven weight distribution as stated in #8 and #10.
10. Always make sure there are posts on both sides of the stone for protection due to the load shifting from one side to the other.

