



## AURORA LIBRARY SHELVING SPECIFICATIONS

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### General

The shelving shall consist of the following basic parts: uprights, shelves, Quik-Bases, and shelf supports; which are assembled without any loose nuts, bolts, or studs of any kind; without any sway braces or gussets; and with minimal tools. There shall be no holes on exposed surfaces. The front and back flange of the shelf shall be flush with the face of the post; and the back, where needed, will be flush with the face of the post. Shelves shall be adjustable on 1-1/2" centers.

### Uprights

Uprights shall consist of two 2" wide 18 gauge cold rolled steel posts rolled into a hollow "T" formation (or "L" formation at row ends) with keyhole slots on the inner back face on 1-1/2" centers. There shall be no holes in the face of the posts. The front and back posts shall be joined by two 24 gauge steel sheets full height of posts, forming a double wall construction. Shelf and support mounting and adjustment are semi-concealed in recessed channel of flush side wall at front and back. Common upright principle requires the use of only one "T" upright between units.

### Shelves

The shelf shall be formed of cold rolled steel with 5/8" flanges on all sides turned in front and back. Shelves are adjustable on 1-1/2" centers. 9", 10", 12" and 13" shall be 22 gauge and 15", 16", 18", 20", 24", 26" and 30" deep shelves shall be 18 gauge.

### Shelf Supports

Shelf supports that are 24", 30", and 36" wide shall be formed of 14 gauge, shelf supports 42" and 48" wide formed of 11 gauge hot rolled, pickled steel to the specified width x 3/4" high with two additional flanges of 1-1/8" and 5/16", except that an ear 13/16" at each end shall be left unformed to accept two shoulder rivets. Rivets shall be 7/16" diameter at the head. Each ear of the shelf supports shall contain two solid core shoulder rivets spaced to set into keyhole slots on the inner face of the uprights.

### Back

The back shall be one piece up to 97-1/4" H formed of 22 gauge cold rolled steel, and shall be held in place without fasteners of any kind, by its reverse flanged edges. Backs taller than 97-1/4" H shall consist of 2 pieces. The side edges of the back shall be formed in two reverse 90° bends to give a flange of 3/8" and 3/16" wide. This flange shall

## Aurora Storage Systems Specifications

fit around the post and shall hold the back in place by its flange between shelf support and the post.

### **Quik-Base™\***

Quik-Base™ combines a shelf support, front base, and floor-anchoring device all in one. Units can be anchored through each end of a 16 gauge channel that allows the attachment points with the floor to be closer to the upright posts giving a much wider stance for a superior method of anchoring. Each end of the Quik-Base™ shall have two solid core shoulder rivets spaced to set into keyhole slots on the inner face of the uprights.

### **Finish**

All surfaces are painted in a powder coated Gloss-Tek™ paint finish. Gloss-Tek™ is a raised surface finish that provides non-glare, fingerprint resistant durability. Colors may be selected from the Aurora Storage color selector or custom colors can be specified by the customer.

### **Environmental Requirements**

All shelving shall contain 25% recycled steel content, a mixture of post- and pre-consumer and industrial.

Finishes on shall use Gloss-Tek powder coat finish with low VOC (volatile organic compounds).

Aurora Storage Products  
600 S. Lake Street  
Aurora, IL 60506  
800-277-1699  
Fax: 630-897-6994  
[www.aurorastorage.com](http://www.aurorastorage.com)

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