Series U900 Unispan For use with Operable Partitions

PRODUCT OVERVIEW:

The Unispan self-support system allows the use of paired or individual partitions in buildings with inadequate support to accommodate the hanging weight of operable partitions. Consisting of a horizontal truss and two support columns, the system attaches to the building for lateral support only. It can be relocated if the owner wishes to reconfigure the space in the future.

The truss accommodates sound baffle panels and insulation for areas requiring sound control.

Bolt together truss has anodized aluminum top and bottom cords with integral anodized aluminum track and steel web-members.

2. Posts. End columns shall be 2-1/2” x 5” [63.5 x 127] clear anodized aluminum posts. Posts shall be attached to the truss with steel brackets and bolts. Posts shall be anchored to the floor with concealed fasteners. Posts shall be located approximately 1-1/2” [38] from adjacent wall surfaces. The space between the post and the adjacent wall shall be fitted with a vinyl gasket to inhibit sound.

3. Ceiling anchors provide lateral support and shall be set at intervals across the span of the beam. Blocking for ceiling anchors to be provided by others in accordance with the plans.

B. Weight of the system
1. The horizontal truss shall weigh 10-12 lbs. per lineal foot of width.
2. The support columns shall weigh 3.5 lbs. per foot of height each.
3. The floor shall support a maximum of 360 psi at each post.

C. Finishes
1. Exposed trim and track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6.
2. Posts. End columns shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6.
3. The floor shall support a maximum of 360 psi at each post.

D. Available Accessories/Options
1. Medium Density Fiberboard Header Side Panels (to cover sides of truss if it is below the ceiling).

2. Posts. End columns shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6.
3. The floor shall support a maximum of 360 psi at each post.

E. Mineral wool insulation for sound retardation.

f. The truss may be shipped in sections and assembled on site for use in areas with limited access.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. Upon compliance with all of the criteria specified in this section, Manufacturers wishing to bid products equal to the product specified must submit to the architect 10 days prior to bidding complete data in support of compliance and a list of three past installations of products similar to those listed. The submitting manufacturer guarantees the proposed substituted product complies with the performance items specified and as detailed on the drawings.

2.02 MATERIALS

A. Product to be Hufcor Series U900 Unispan as manufactured by Hufcor Inc.

1. The supporting truss shall be factory fabricated of steel and aluminum. Unispan is attached to the building structure for lateral support only. The load of the truss and partition is supported by the Unispan column posts.
DETAILS - No Scale

Unispan Self-Support System, Series U900

Option below: Horizontal truss partially exposed below lay-in ceiling.

Shown with Hufcor Paired Operable Partitions.

Stack Size: To determine the stack depth, refer to the specifications for the operable partition model used in the Unispan. Remember to also add 4" [102] for the support column (a/k/a post).

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Not to Scale
The manufacturer reserves the right to improve and change product without notice.

Figures in brackets [ ] are in millimeters unless otherwise noted

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