

## Chicago Metallic® 730 Stainless Steel 15/16"

Acoustical ceiling suspension system



Ideal for: Food preparation, laboratories, or laundries.

Performance Properties:

- Designer grid system features an intermediate-duty design with hook-end cross tees
- Acoustical ceiling system uses 304 stainless steel design and 2B Finish Stainless steel capping
- Sturdy stainless steel grid construction provides superior corrosion resistance
- All system components are shipped with strippable plastic film to protect exposed grid face
- Chicago Metallic® suspension systems meet a Class-A flame spread rating in accordance with ASTM standard E1264-08

# Chicago Metallic® 730 Stainless Steel 15/16"

## LEED® V4 HIGHLIGHTS

### Materials and Resources (MR)

- Waste Management Planning
- Interiors Life Cycle Impact Reduction
- Environmental Product Declarations
- Sourcing of Raw Materials
- Material Ingredients
- Waste Management

### Indoor Environmental Quality (EQ)

- ✓ -Low-Emitting Materials
- ✓ -Interior Lighting
- ✓ -Acoustic Performance

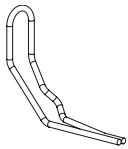
RECYCLED CONTENT: UP TO: 0%

| Detail  | Product Number | Length | Height (A) | Face (B) | Grid Coupling Type | Slotting / Class | Fire Rated | Seismic | Recycled Content |
|---|----------------|--------|------------|----------|--------------------|------------------|------------|---------|------------------|
| <b>Main Runners</b>   |                |        |            |          |                    |                  |            |         |                  |
|  | 730.00SBZ      | 144"   | 1-1/2"     | 15/16"   | Knuckle-End        | 12" OC, ID       | -          | C       | -                |
| <b>Cross Tees</b>   |                |        |            |          |                    |                  |            |         |                  |
|  | 732.00SBZ      | 24"    | 1-1/2"     | 15/16"   | Hook-End           | No Slots         | -          | C       | -                |
|   | 734.00SBZ      | 48"    | 1-1/2"     | 15/16"   | Hook-End           | 12" OC           | -          | C       | -                |
| <b>Wall Angles &amp; Channels</b>   |                |        |            |          |                    |                  |            |         |                  |
|  | 1490.00SB      | 144"   | 3/4"       | 15/16"   | -                  | -                | -          | C       | -                |

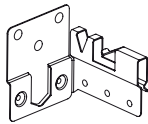
# Packaging

| Product Number                    | Pieces per Carton | Ft per Carton | Lbs per Carton | Cartons per Pallet  | Lbs per Pallet      |
|-----------------------------------|-------------------|---------------|----------------|---------------------|---------------------|
| <b>Main Runners</b>               |                   |               |                |                     |                     |
| 730.00SBZ                         | 20                | 240           | 62.4           | 30                  | 1872                |
| <b>Cross Tees</b>                 |                   |               |                |                     |                     |
| 732.00SBZ                         | 20                | 240           | 62.4           | 30                  | 1872                |
| 734.00SBZ                         | 60                | 240           | 60             | 30                  | 1800                |
| <b>Wall Angles &amp; Channels</b> |                   |               |                |                     |                     |
| 1490.00SB                         | 25                | 300           | 44             | Palletized to Order | Palletized to Order |

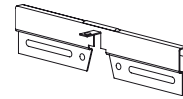
# Accessories



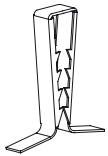
416.15  
Intersection Clip  
for Hook-end  
Cross Tees  
1000 PCS/Carton



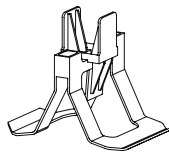
1496.00  
Seismic  
Perimeter Clip  
100 PCS/Carton



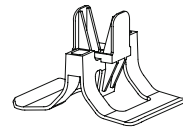
1494.00  
Seismic  
Separation Clip  
100 PCS/Carton



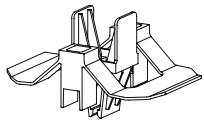
935.00  
Hold Down Clip  
for Various  
Height Panels  
1000 PCS/Carton



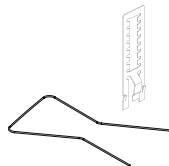
490.00  
Hold Down Clip  
for 0" – 3/4" Panels  
100 PCS/Carton



491.00  
Hold Down Clip for  
3/4" – 1-1/4" Panels  
150 PCS/Carton



492.00  
Hold Down Clip  
for 1-1/2" Panels  
100 PCS/Carton



495.00  
Facett™ Hold  
Down Clip for  
2" – 4" Panels  
100 PCS/Carton



826.00H  
2' Spacer Bar  
80 LF/Carton



828.00H  
4' Spacer Bar  
160 LF/Carton



824.00H  
4' Spacer Bar,  
Notched at 2'  
160 LF/Carton

# Performance

## Component Load Test Data and Material

| Allowable Load per ASTM C635 |        |       |                |     |     |
|------------------------------|--------|-------|----------------|-----|-----|
| Main Tee                     | Length |       | Hanger Spacing |     |     |
|                              |        |       | 4'             | 5'  | 6'  |
| 730.00SBZ                    | 144"   |       | ID             | 6.0 | 4.0 |
| Cross Tee                    | Length | 2'    | 4'             |     |     |
| 732.00SBZ                    | 24"    | 75.0♦ |                |     |     |
| 734.00SBZ                    | 48"    |       | 13.3           |     |     |

To convert data into lb/ft<sup>2</sup>, divide on center spacing of component into lb/ft.

♦ Limited by safety factor of 2.

## Light Fixture Load Test Data (based on 1/360 span deflection)

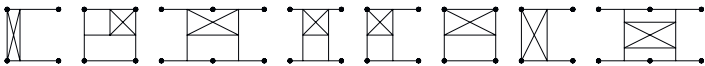
| Light Fixtures<br>Dimensions | Main & Cross Tees - Allowable Fixture Weight - Pounds |           |
|------------------------------|---|-----------|
|                              | 730.00SBZ   | 734.00SBZ |
| 1' x 4'                      |   | 55.6      |
| 2' x 2'                      |   | 49.6      |
| 2' x 4'                      |   | 64.0♦     |

♦ Limited by safety factor of 2.

## Non-Fire Rated Assemblies

### Hanger Positions for Non-Fire Rated Situations

This illustrates hanger positions for single fixtures in a field. Provide extra hangers for tandem fixtures.



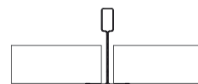
## Material

ASTM C 635 Intermediate Duty (ID) main tee classification, Type 304 commercial quality stainless steel. 15/16" wide bottom flange with Type 304 alloy, 2B finish stainless steel capping.

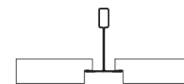
Note: A metallurgist should be consulted regarding the suitability of this product for the environmental conditions in which it is being installed.

## Compatible Tile Edge Types

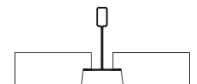
730 System



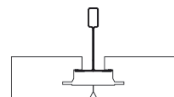
SQ



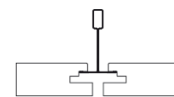
SL



SLT



CDX



SCD

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