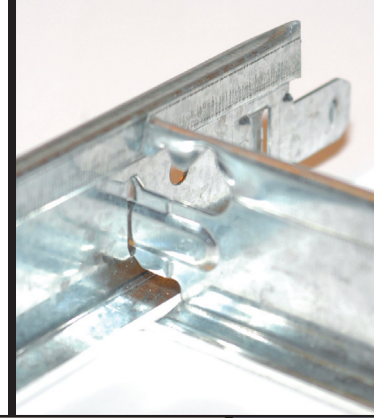




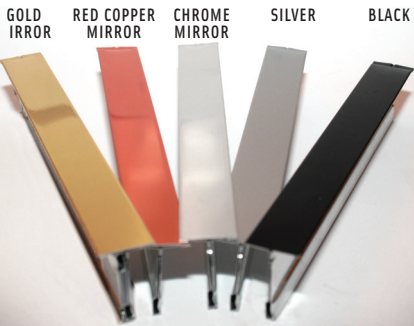
CEILING SUSPENSION SYSTEMS



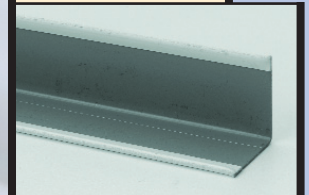
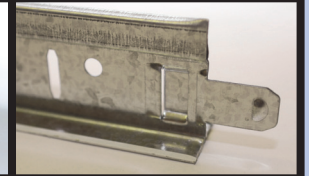
Globalnex Rapid-Hook System

- Intermediate duty – performs to ASTM C635
- Superior quality – manufactured in accordance with ISO 9002 quality standards
- Hook-in cross tee connection. Easily demountable without tools required
- Butt end detail cross tees allow for shadowless appearance
- Manufactured from corrosion resistant hot-dipped galvanized steel
- Heavy gage steel with double web main runners & cross tees designed for maximum strength and durability

AVAILABLE COLORS:



Item #	Length	Height	Face	Lin.Ft./Carton	Pieces/ Carton
Main Runner					
P 3660 B	12'	1 1/2" (38mm)	15/16" (24mm)	240'	20
PA 3660 B	12'	1 1/2" (38mm)	9/16" (14mm)	300'	25
Cross Tees					
I 0610 B	2'	1 1/2" (38mm)	15/16" (24mm)	120'	60
I 1220 B	4'	1 1/2" (38mm)	15/16" (24mm)	240'	60
IA 0610 B	2'	1 1/2" (38mm)	9/16" (14mm)	176'	88
IA 1220 B	4'	1 1/2" (38mm)	9/16" (14mm)	352'	88
Wall Molding					
A 3660 B	12'	15/16" (24mm)	15/16" (24mm)	480'	40
A-3000 B	10'	3/4" (19mm)	15/16" (24mm)	500'	50



SPECIFICATION GUIDELINES Globalnex Rapid-Hook Suspension Systems

(SECTION 09500 – Acoustical Treatment)

Part 1 – GENERAL

1.01 Section Includes

Provide metal suspension system for lay-in panel acoustical ceiling.

1.02 Related Sections

- A. Section 09120 – Ceiling Suspension Systems
- B. Section 09545 – Special Ceiling Surfaces
- C. Section 13020 – Integrated Ceilings
- D. Section 13080 – Sound, Vibration, and Seismic Control
- E. Section 15500 – Heating, Ventilating, and Air Conditioning
- F. Section 16500 – Lighting

1.03 References

- A. American Society for Testing and Materials (ASTM)
 - 1. C635 – Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.
 - 2. C636 – Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels.

1.04 Submittals

- A. Product data shows listing dimensions, load carrying capacity and standards compliance.
- B. Cut samples of main runner and cross tee with couplings.

1.05 Project Conditions

- A. Environmental Requirements:
 - 1. Verify weather tightness of area to receive suspension system prior to installation.
 - 2. Wet trades work to be thoroughly dry and complete prior to suspension system installation.
 - 3. Installation to begin only when temperature and humidity conditions closely approximate interior conditions which will exist when area is complete and occupied.
 - 4. Heating and air conditioning systems to be operating prior to, during, and after installation.

1.06 Maintenance

Furnish additional material equal to ___ percent of ceiling area.

Part 2 – PRODUCTS

2.01 Manufacturers

Globalnex Double Web Intermediate (Non-Rated) Suspension System

2.02 Suspension System Components

A. Main Runners:

1. Manufactured from (0.015) inch thick corrosion resistant hot-dipped galvanized steel 15/16 inch wide by 1-1/2 inches high by (144) inches long with factory purchased cross tee slots, hanger holes, and integral hook-style end couplings.
2. Capped with (steel) (aluminum) capping affixed to 15/16 inch flange. Steel capping manufactured out of hot-dipped galvanized steel, protected on both sides with an epoxy primer and a polyester finish on the visible side.

B. Cross Tees:

1. Manufactured from (0.014) inch thick corrosion resistant hot-dipped galvanized steel 15/16 inch wide by (1-1/2) (1-1/4) inches high by (12) (20) (24) (30) (36) (48) (60) (96) inches long with factory punched cross tee slots and hanger holes.
2. Capped identical to main runners.
3. Coated identical to main runners.
4. Manufactured with integral hook-style end couplings.

C. Perimeter Treatment Components:

- Angle Moldings: Manufactured from 0.020 inch thick galvanized steel treated with an epoxy primer on both sides and finished on the visible side with a polyester finish. (3/4) (15/16) inch wide by 15/16 inch high by (144) inches long finished identical to main runners and cross tees.

of recessed fixtures.

- C. (Angle) moldings: Installed on vertical surfaces, intersecting suspension components, by appropriate method in accordance with industry accepted practice.
- D. Additional Hanger Wires: Wrapped tightly 3 full turns to structure and component at locations where imposed loads could cause deflection exceeding 1/360 span.

STANDARDS

Ceiling suspension components are roll formed to meet or exceed ASTM C635, and to conform to direct hung structural classifications of Light (5.0-11.9 lbs.). Intermediate (12.0-15.9 lbs.) or Heavy Duty (16.0 or more lbs.) Metal thicknesses comply with the United States Standard Revised Manufacturers Gage Table, but metal thickness is subject to mill tolerances.

GENERAL INSTALLATION REQUIREMENTS

Suspended ceiling systems are designed and tested for specifications and use in interior applications only. The manufacturer should be consulted for recommendations regarding exterior applications. Installation should be done only when the temperature and humidity closely approximate the interior conditions that will exist when the building is occupied. The heating and cooling systems should be operating to maintain these conditions prior to, during and after installation. Special attention should be given to proper ventilation of the plenum, especially in high moisture areas.

Prior to the start of installation, all exterior windows and doors are to be in place, glazed and weather-stripped, the roof is to be watertight and all wet trades work is to be completed and thoroughly dry. Mechanical, electrical or other utility service work above the ceiling plane are also to be completed. No materials should rest against or wrap around the ceiling suspension components or the wires that suspend or brace them.

All direct hung components are to be properly leveled, suspended and tightly tied with at least three full turns by not less than 12 gage galvanized steel wire. Load test recommendations are not to be exceeded, nor should the components be deflected more than 1/360th of their span.

PLEASE NOTE: The information in this document is subject to change without notice. Globalnex, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

Part 3 – EXECUTION

3.01 Examination

Examine area receiving suspension system to identify conditions which will adversely affect installation. Do not begin installation until adverse conditions have been remedied.

3.02 Installation – Non Fire Rated System

- A. Main Runners: Installed (36) (48) (60) (96) inches on center, by direct suspension from existing structure, with not less than 12 gage steel hanger wires spaced (48) (60) inches on center along main runner length. Wrap hanger wires tightly 3 full turns at each end.
- B. Cross Tees:
 1. Installed perpendicular to main runners (12) (20) (24) (30) (36) (48) (60) inches on center to form ___ by ___ modules.
 2. Installed perpendicular to module forming cross tees (12) (20) (24) (30) to form ___ by ___ modules.
 3. Installed adjacent to each unsupported side

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Globalnex, Inc.

P.O. Box 10637
Tampa, Florida 33609

Telephone: 813-287-8218

Fax: 813-287-8144

www.globalnex.com