



Enviro-Grid

Series 2000™



Environmental Sanitary Interior Products

Product Description

Key Features

- Intermediate Hot Dipped Galvanized Steel by Sendzimir Process
- Protected by a 85 g/m² Zinc layer
- Designed in mind for interior and exterior applications
- Aluminum cap on exposed face
- USDA Acceptance
- ASTM Standard C635 Conformance
- Main runner punched 6" on center for flexibility
- Built-in expansions in the main tee for fire resistance.

Benefits

- Protection against Corrosion, Rust, Fire, Moisture and Humidity
- Optimum placement of cross tees for precise fixture placement
- Limited lifetime warranty

Materials

General

ASTM Standard C635 Conformance main tee classification, commercial quality hot dipped galvanized steel Sendzimir Process 15/16" and 9/16" wide.

Components

1. Main Tee:

Standard Profile Double-web construction,
EMR-2438 length 144" width 15/16" height 1-1/2"

Narrow Profile Double-web construction,
EMR-1538 length 144" width 9/16" height 1-1/2"

2. Cross Tee:

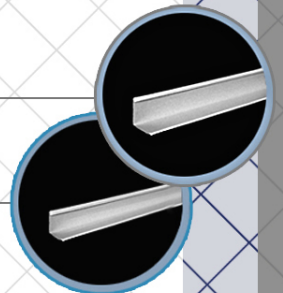
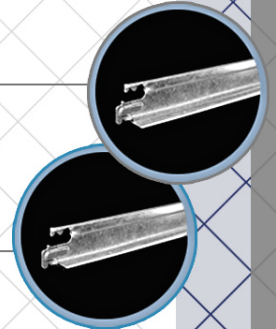
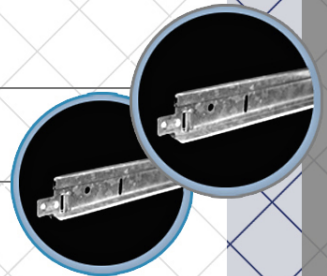
Standard Profile Double-web construction with stab-in detail,
ECT2-2438 length 24" width 15/16" height 1-1/2"
ECT4-2438 length 48" width 15/16" height 1-1/2"

Narrow Profile Double-web construction with stab-in detail,
ECT2-1538 length 24" width 9/16" height 1-1/2"
ECT4-1538 length 48" width 9/16" height 1-1/2"

3. Wall Angle:

Standard Profile Prefinished exposed flanges,
EWM-2424 length 144" width 15/16" height 15/16"
ESM-2424 length 120" width 15/16" height 15/16"

Narrow Profile Prefinished exposed flanges,
EWM-1924 length 144" width 9/16" height 3/4"
ESM-1924 length 120" width 9/16" height 3/4"





Enviro-Grid

Series 2000™

ENVIRO-SAN
CORPORATION

Environmental Sanitary Interior Products

Maximum Load Test Data *

Allowable Load Per ASTM C635*

| | Length | Hanger Spacing | | |
|----------|--------|-------------------|-----|-----|
| | | 4' | 5' | 6' |
| Main Tee | 12' | Intermediate Duty | 5.8 | 3.5 |

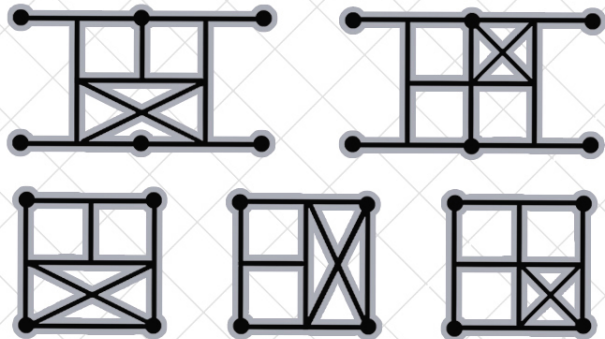
| | Length | 2' | 4' | 5' |
|-----------|--------|----|-------------------|----|
| | | 2' | 55.0 [▲] | / |
| Cross Tee | 4' | / | 12.1 | / |

■ To convert data in lb/ft², divide on center spacing of component into lb/ft.

▲ Weight limited by a safety factor of 2.

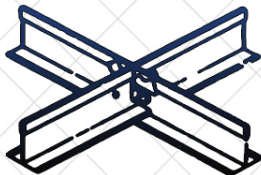
* Based on 1/360 span deflection

Hanger Positions



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

| Light Fixtures | Main & Cross Tees - Allowable Fixture Wt. - Lbs | | | | | |
|----------------|---|--------|--------|--------|--------|--------|
| | 2438 | 2438 | 1538 | 2438 | 2438 | 1538 |
| Dimensions | 4-2438 | 4-1538 | 4-2438 | 2-2438 | 2-1538 | 2-2438 |
| 2'x2' | 42.4 | / | 42.4 | / | / | / |
| 2'x4' | 58.4 | 58.4 | 58.4 | / | / | / |
| 20"x48" | / | / | / | / | 41.6 | 41.6 |
| 20"x60" | / | / | / | 55.0 | / | / |



A direct hung exposed suspension system roll formed from heavy-duty hot dip galvanized steel, and consequently protected by a 85 g/m² zinc layer. The aluminum capping is additionally protected by an oven baked epoxyprimer and on the visible side by a polyester finish.

15/16" or 9/16" styles available, offers the choice of conventional or sleeker look for a variety of ceiling designs