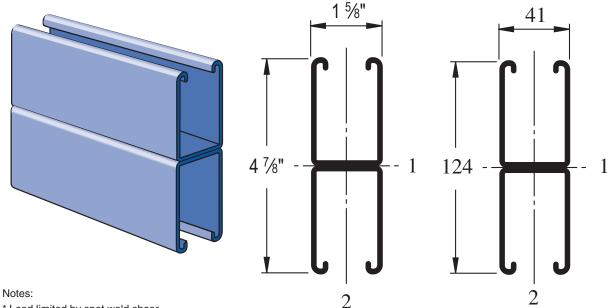


## P5501



- \* Load limited by spot weld shear.
- \*\* KL/r > 200
- 1. Above loads include the weight of the member. This weight must be deducted to arrive at the net allowable load the beam will support.
- 2. Long span beams should be supported in such a manner as to prevent rotation and twist.
- 3. Allowable uniformly distributed loads are listed for various simple spans, that is, a beam on two supports. If load is concentrated at the center of the span, multiply load from the table by 0.5 and corresponding deflection by 0.8.

Wt/100 Ft: 494 Lbs (734 kg/100 m) Allowable Moment 28,940 In-Lbs (3,270 N•m) 12 Gauge Nominal Thickness .105" (2.7mm)

4. For Pierced Channel, Beam Load Values in the tables are multiplied by the following factor:

"T" Series ... 85%

## **MATERIAL**

Unistrut channels are accurately and carefully cold formed to size from low-carbon strip steel. All spot-welded combination members, except P1001T, are welded 3" (76 mm) maximum on center.

STEEL: PLAIN

12 Ga. (2.7 mm), 14 Ga.(1.9 mm) and 16 Ga. (1.5 mm) ASTM A1011 SS GR 33.

STEEL: PRE-GALVANIZED

12 Ga. (2.7 mm), 14 Ga. (1.9 mm) and 16 Ga. (1.5mm) ASTM A653 GR 33.

For other materials, see Special Metals or Fiberglass sections.

## **FINISHES**

All channels are available in:

- Perma Green III (GR).
- Pre-galvanized (PG), conforming to ASTM A653 G90.
- Hot-dipped galvanized (HG), conforming to ASTM A123.
- Plain (PL).

Approval Stamp:
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