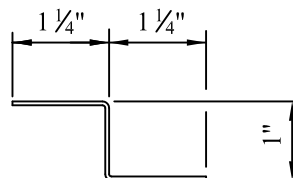


Material : A653 SS Grade 33
 Thickness: 16 ga. (0.0566")
 Bend Radii 0.085"
 Yield Strength: $F_y=33$ ksi
 Tensile Strength: $F_u=45$ ksi
 Modulus of Elasticity: $E=$
 Moment of Inertia: $I_x =$
 $I_x =$



Furring Zee Section Properties

| Negative Design Pressure from Wind for Steel Wall Studs at 24" Spacing | | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| Metal Panel System Weight | 2.5 psf | | | 5.0 psf | | | 10.0 psf | | |
| Furring Zee Fastener Spacing | 24.0 in | 36.0 in | 48.0 in | 24.0 in | 36.0 in | 48.0 in | 24.0 in | 36.0 in | 48.0 in |
| Negative Wind Pressure | | | | | | | | | |

Notes:

1. The allowable wind pressures shown in the charts above are based upon 18 ga. min. 33 ksi min. steel studs at 24" spacing, and 16 ga. 33 ksi min. steel furring zees fastened to each wall framing stud with 1/4"-14 Tek 3 screws at 24", 36" or 48" spacing as shown on the Furring Zee Installation detail HPCI-MP 02.
2. The project designer is responsible for verifying the wall framing studs and furring zees are capable of supporting the horizontal and vertical loads imposed by the metal panel system in accordance to the project's design loads.
3. The project designer is responsible to specify the metal panel width, gauge and connections in accordance to the project's design loads and the metal panel manufacturer's specifications.

Furring Zee
Design and Spacing

HPCI Barrier Panel
w/ Metal Panel Cladding

HPCI-MP-03

Date: Sept. 15, 2012