Unprotected “Bare” Fluted Substrate

**UD10 - Perpendicular Flute – Shaft Wall**

*Deflection Joint Protection* - Strip / Framing Profile Series refer to UL Listing: HW-D-0504

- **0.75”** - 100 / Stock  **1.00”** - 125 / "W"  **1.50”** - 175 / "X"  **2.00”** - 225 / "Z"

Fastener Attachment 24” O/C max.

- Mineral Wool or Fire Proofing
- (When Exists) Fastener below Obstruction
  Max 24” from O/H
- 5/8 Type X Gypsum Wallboard
- 4 pcf Mineral Wool compressed 33%
- 1” Shaft Liner Board
- Safti-Frame Track or Safti-Strip Sealant
- CT, CH, or I Shaft Stud
  Max 24” O/C

1. Installed Gap - Single Story (compression only) = *Deflection Joint Protection*
2. Installed Gap - Multi-Story (compress + extension) = ½ distance of *Deflection Joint Protection*
3. Attach to substrate with approved fastener max 24” O.C or per E.O.R.
4. Do not screw drywall or stud to SaftiFrame solid leg profile studs “free float”
5. “Slotted” profile metal framing fastener installed center of slot (min. one side)
6. Drywall fasteners 1” to 2” below SaftiFrame and at bottom of obstruction to accommodate movement

**UL, ASTM & Code Standards**

- UL2079 (5th Edition) & CAN/ULC S111
- ASTM E814, E1966, E2837
- A1003, A653, A924, C645, C754, C955
- Sound Tested according to ASTM E90-09
- 2012 & 2015 IBC

**Leed Points**

- MR 2.1 & 2.2 - Construction Waste: up to 2pts
- MR 4.1 & 4.2 - Recycled Content: up to 2 pts
- MR 5.1 & 5.2 - Regional Proximity
- EQ 4.1 - Low Emitting Materials
- EQ 9 - Enhanced Acoustical

Phone: (425) 869-2811 Fax: (425) 869-2300

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