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|  | PDi Wall Construction Recommendations | Document Number: PD196-465R1 |
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SCOPE:

To describe the recommended wall construction to mount either a PDI-179AV, PDI-179AV5, PDI-871, PDI-771B or any mount that would also mount to a PDI-255E(-24) backer plate.

SAFETY STEPS:

1. Always wear safety glasses/goggles to prevent injury from debris.
2. Follow the installation/removal instructions for your existing products.

Recommendations:

IN ALL CASES the wall construction must be able to support a minimum compression loading of **350 psi** applied perpendicular to the mounting locations.

- **Wooden Stud Construction:**
 - A 2x4 minimum size and be spaced 16" or 24" on centers.
 - Stud orientation shall be with the "4" inch dimension perpendicular to the surface plasterboard.
 - The surface plasterboard shall have a maximum thickness of 5/8".
- **Steel Stud Construction:**
 - For OSHPD/HCAI compliance, wall studs are galvanized steel, 18 gauge minimum, with 2" x 4" minimum size and be spaced 16" or 24" on centers.
 - Stud orientation shall be with the "4" inch dimension perpendicular to the surface plasterboard.
 - The surface plasterboard shall have a maximum thickness of 5/8".

Blocking:

If a facility decides that blocking is a better fit for their situation, the structural engineer of record for the facility must ensure that the blocking is of sufficient strength to hold the mount, arm and television. In this case, use the dimensions shown below to locate the blocking between the studs.

MOUNTING DISTANCES

40.5" and 48.5" recommended mounting from the floor.

