



2018 Residential Code Question Of The Week

When Raised Temperature Polyethylene (PE-RT) Plastic Tubing is utilized in a ground-source heat-pump system, and loop piping is joined using heat-fusion, the joints shall be of the _____ type.

- A) socket-fusion
- B) saddle-fusion
- C) butt-fusion
- D) D) Any Of The Above ←

M2105.13.3 Heat-fusion joints. Heat-fusion joints shall be of the socket-fusion, saddle-fusion or butt-fusion type, and shall be joined in accordance with ASTM D2657. Joint surfaces shall be clean and free from moisture. Joint surfaces shall be heated to melt temperatures and joined. The joint shall remain undisturbed until cool. Fittings shall be manufactured in accordance with ASTM D2683 or ASTM D3261.





2018 Commercial Code Question Of The Week

Where the fire protective covering of a structural member is subject to impact damage from the handling of merchandise, required fire protective covering shall be protected by corner guards or by a substantial jacket of metal or other noncombustible material to a height adequate to provide full protection, but not less than ___ feet from the finished floor.

- A) 4
- B) 5
- C) 7
- D) 8



SECTION 704 FIRE-RESISTANCE RATING OF STRUCTURAL MEMBERS

704.9 Impact protection. Where the fire protective covering of a structural member is subject to impact damage from moving vehicles, the handling of merchandise or other activity, the fire protective covering shall be protected by corner guards or by a substantial jacket of metal or other noncombustible material to a height adequate to provide full protection, but not less than 5 feet (1524 mm) from the finished floor.





2018 Building Codes & Standards Question Of The Week

Business occupancies having ____ or fewer persons are allowed to have the required single-user toilet rooms not labeled for use by a specific sex.

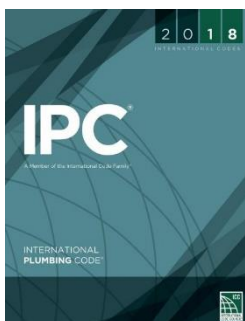
- A) 25
- B) 50
- C) 75
- D) 125



403.2 Separate facilities. Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units.
2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or fewer.
3. Separate facilities shall not be required in mercantile *occupancies* in which the maximum occupant load is 100 or fewer.
4. Separate facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer.



But Section 403.1.2 requires that single-user toilet facilities be identified for use by either sex?

403.1.2 Single-user toilet facility and bathing room fixtures. The plumbing fixtures located in single-user toilet facilities and bathing rooms, including family or assisted-use toilet and bathing rooms that are required by Section 1109.2.1 of the *International Building Code*, shall contribute toward the total number of required plumbing fixtures for a building or tenant space. Single-user toilet facilities and bathing rooms, and family or assisted-use toilet rooms and bathing rooms shall be identified for use by either sex.