



2021 IPC Question Of The Week

Which of the following is a true statement in relation to joints on ABS plastic drainage pipes?

- A) Mechanical joints shall be installed only in underground systems unless otherwise approved.
- B) Solvent-cement joints shall be permitted above or below ground.
- C) Schedule 80 or heavier pipe shall be permitted to be threaded with dies specifically designed for plastic pipe.
- D) All of the above are true statements.



705.2.1 Mechanical joints.

Mechanical joints on drainage pipes shall be made with an elastomeric seal conforming to ASTM C1173, ASTM D3212 or CSA B602. Mechanical joints shall be installed only in underground systems unless otherwise approved. Joints shall be installed in accordance with the manufacturer's instructions.

705.2.2 Solvent cementing.

Joint surfaces shall be clean and free from moisture. Solvent cement that conforms to ASTM D2235 or CSA B181.1 shall be applied to all joint surfaces. The joint shall be made while the cement is wet. Joints shall be made in accordance with ASTM D2235, ASTM D2661, ASTM F628 or CSA B181.1. Solvent-cement joints shall be permitted above or below ground.

705.2.3 Threaded joints.

Threads shall conform to ASME B1.20.1. Schedule 80 or heavier pipe shall be permitted to be threaded with dies specifically designed for plastic pipe. Approved thread lubricant or tape shall be applied on the male threads only.



705.2.4 Mechanical joints above ground.

Mechanical joint couplings used above ground to connect ABS pipe to ABS pipe shall be of the shielded type and shall be marked by the manufacturer as being recommended for the application.

