

CREFORM[®] SYSTEM

Assembly Guidelines

Page 1 of 2

- Start with a plan. For assembly ease and efficiency, create your design on paper prior to beginning assembly of your Creform structure. During design, calculate pipe lengths and number of joints required to build structure.
- Cut pipes prior to assembly. Careful measurement and cutting will help ensure structure's squareness.
- For personal protection, deburr inside of all cut pipes.
- In all exposed pipe ends, insert plastic plug, J-110.
- When installing stem type casters, expand rubber bushing by pre-tightening bolt until stem *just* fits into pipe. A snug fit is required so that rubber bushing grabs the inside of the pipe. To install, fully insert caster into pipe and perform final tightening using Creform caster wrench. Stem casters should be installed before installing joints in the caster area.
- During assembly of the pipes in joints, be mindful to insert pipes until they contact the joint's internal stop (30 mm insertion). When pipe extends through a joint, 1 mm of pipe protrusion minimum required to maximize gripping strength of metal joints.
- When installing bolts in metal joints, bolt head should be on the outside of the structure with the nut on the inside. This eases assembly and later adjustment/maintenance.
- Assemble all side frames first. Lay completed side frames on flat surface to verify flatness and squareness. Loosen joints and adjust as necessary.
- Upon completion of side frames, connect with installation of beam pipes.
- Tighten bolts in joints consistently to 7.25 foot*pounds. When tightening, tighten bolts until torque "sound" is heard.

CREFORM[®] SYSTEM

Assembly Guidelines

Page 2 of 2

- To ensure that your structure has maximum strength, rigidity, and a pleasing appearance, brace the structure's base. Use HJ-2's with a combination of HJ-4's or HJ-3's to "frame" the bottom of the structure. For best results, place this "frame" 100 - 150 mm from the floor.
- On all stationary structures, use a proper foot. The Creform system includes a foot with features that best compliment the function of your structure. In addition, use of the proper foot will neaten your structure's appearance . The Creform *Plastic End Plug*, J-110 or *Rubber End Plug*, EF-1201 is **not** designed to be used as a foot.