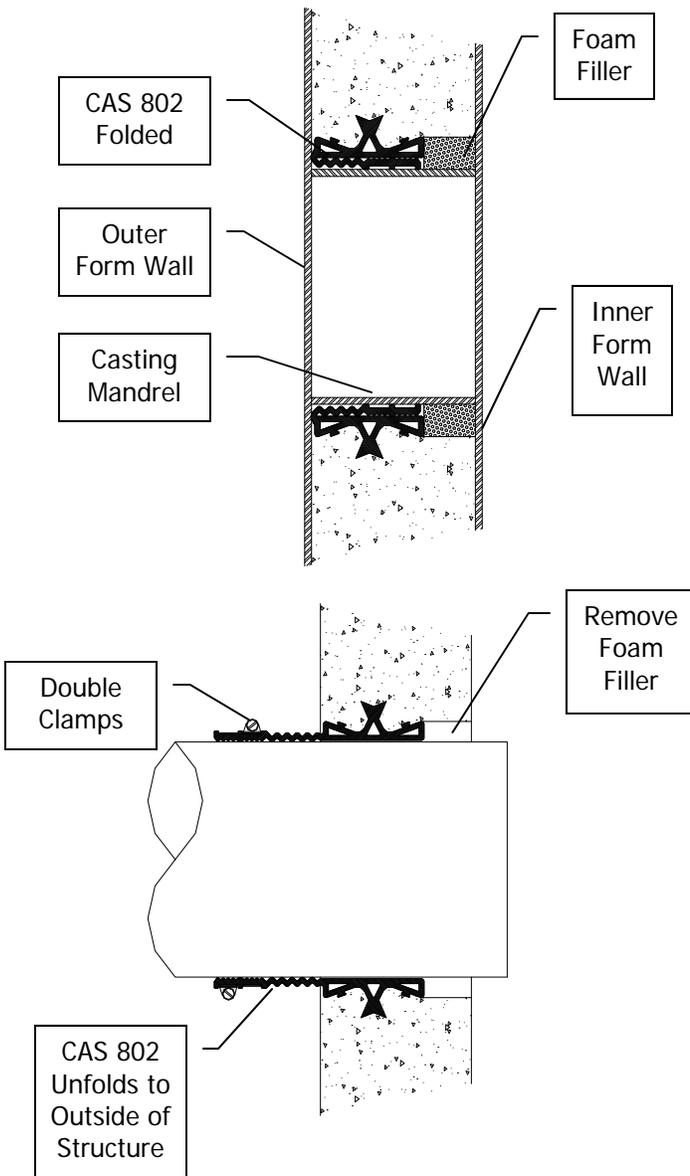
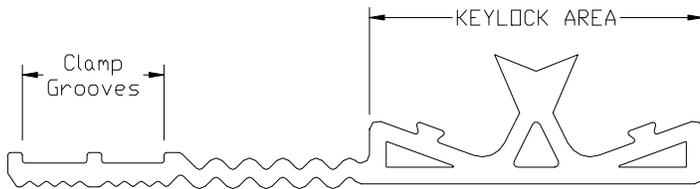


Product	Model	Data	Issue Date
CAST-A-SEAL 802	All	Installation Instructions for Pouring –In-Place CAST-A-SEAL® 802 As a Flexible Connector	February 11, 2011



To Pour in Place:

1. Fold CAST-A-SEAL 802 so that neck of gasket is under keylock area.
2. CAST-A-SEAL 802 casting mandrel must be pipe OD +1/2" (24" and smaller) pipe OD +1" (larger than 24") Circularity must be +/- 1/4". Mandrel can be made from a section of host pipe, a rolled steel cylinder, Styrofoam, or other suitable material.
3. Position the CAST-A-SEAL on the casting mandrel so that it is against the outside form wall and so that it unfolds to the outside. Always place CAST-A-SEAL so that it lays in a straight plane across the mandrel.
4. Attach foam filler between the gasket and the inner wall to the height of the folded gasket. This will create an annular space and allow for deflection of the pipe.
5. After casting is complete, remove foam filler and casting mandrel. Unfold the CAST-A-SEAL to the outside of the structure.
6. Attach take-up clamps and stagger screws around grooves of CAST-A-SEAL so that take-up pressure will be equalized. Always use dual take-up clamps. Make sure that each clamp is completely in its groove.
7. Using a T-Handle torque wrench, gradually tighten both screws of outside clamp in an alternating pattern to 60 in/lbs torque. Then tighten both screws of inside clamp.
8. After reaching 60 in/lbs torque on final screw, check all screws again to ensure equal compression of both clamps.

NOTE: DO NOT OVER-TIGHTEN CLAMPS.
A SCREWDRIVER WILL NOT TIGHTEN CLAMPS ADEQUATELY.

1. Move pipe to line and grade.
2. If system is to be tested, testing should be completed prior to backfilling, following all recommendations and requirements of the test system manufacturer.
3. Use proper bedding and backfill materials and techniques so that pipe deflection and deformation is minimized.
4. Any pipe stubs installed in the structure must be positively restrained from movement.

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