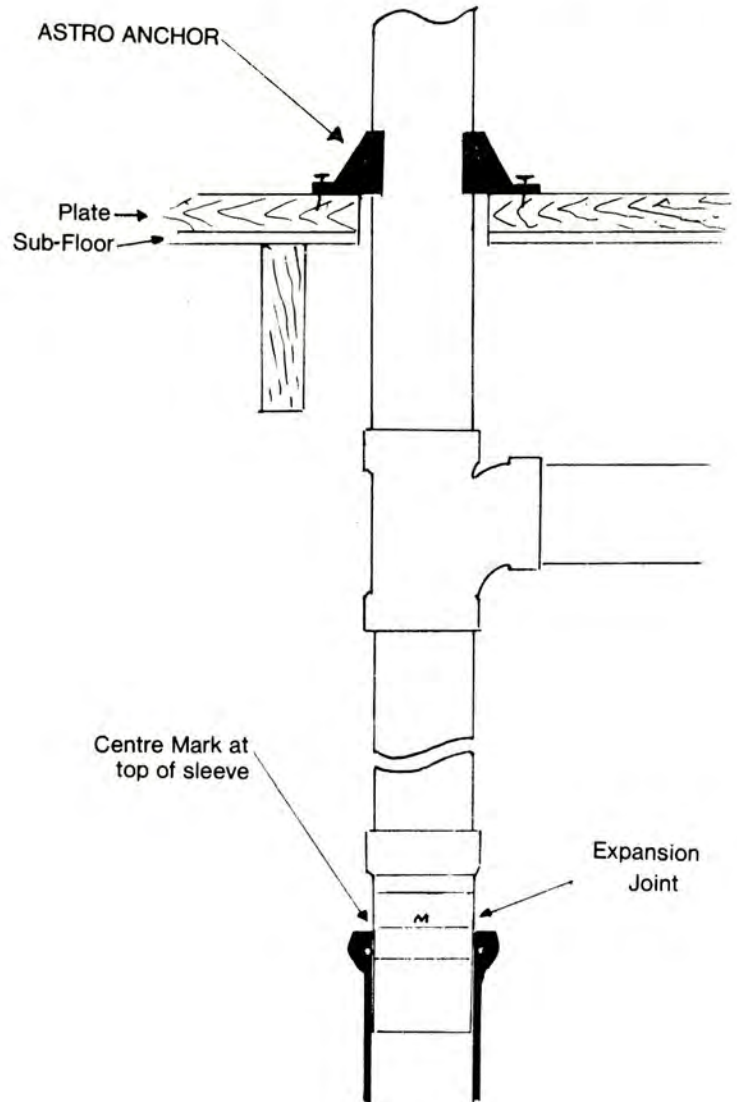


Installation Instructions

ASTRO ABS RESTRAINING ANCHORS

1. Install ABS Pipe & Fitting Assemblies in the normal manner, making sure that the stack is plumb.
2. Attach ASTRO ANCHORS to pipe at floor level as follows:
 - (a) Make sure that Expansion Joints are set with the centre mark at the top of the sleeve, (on new frame construction it is suggested that the Expansion Joints be set at the bottom mark to allow for frame shrinkage and foundation settlement).
 - (b) Remove dirt, grease & moisture from the ABS ASTRO ANCHORS and from the surface of the ABS Pipe.
 - (c) Using a suitable applicator, apply a moderate even coat of ABS Solvent Cement to both the ASTRO ANCHORS and the surface areas of the ABS Pipe. (Care should be taken to apply solvent cement only to the surface area of the pipe equal to the surface area of the ASTRO ANCHOR). Do not allow the solvent cement to puddle on either surface.
 - (d) Without delay, assemble the ASTRO ANCHOR to the ABS Pipe as illustrated while the cement is wet. Use sufficient force to insure that the ASTRO ANCHOR is in full contact with the pipe. Hold together for about 30 seconds to make sure the joint does not separate. With a rag, wipe off excess cement.
 - (e) After allowing sufficient time for the Solvent Weld Joint to set, (see schedule below), secure the anchors to the wood frame plate as shown, using #10 wood screws (included).



APPROXIMATE SET TIMES FOR ABS CEMENTS

Temperature Range	Set Time for sizes ½" to 1¼"	Set Time for sizes 1½" to 3"	Set Time for sizes 4" to 6"
60° to 100°F.	15 min.	30 min.	90 min.
40° to 60°F.	30 min.	60 min.	180 min.
10° to 40°F.	120 min.	240 min.	720 min.

Manufactured by

Canadian Astro Supplies Ltd.