

Installation guide for renovation chambers to Omega and PVC lines.

1. Remove the cover of the old manhole and the middle cover if there is such. If necessary, break the support of the middle cover to make more space for the installation.
 2. Burst the bottom of the old concrete manhole to make space for the renovation chamber's bottom part to settle at the right level. Make sure that no concrete pieces are able to slip inside the line when you are chipping the bottom.
 3. Push a suitable socket/spigot (ex. 639218) into the existing PVC or Omega liner.
 4. Measure the distance A between the sockets and cut the bottom pipe of the renovation chamber to the same length.
 5. Lubricate and install the chamber bottom to the sockets.
 6. Grout the annulus between the pipes with foam concrete if needed.
 7. Cut the riser pipe to such a length that the upper end of the riser pipe will settle at about 200 mm from the bottom of the old cover. Chamfer and lubricate the end of the riser pipe.
 8. Install the riser pipe into the bottom part's socket.
 9. Visually check the tightness and flow properties of the renovation chamber.
 10. Put the chamber hat on the riser pipe.
 11. Anchor the bottom part with concrete.
 12. Put the old cover back into its place.
 13. Tidy up the working environment.
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