

Product: Stream33 PEX-A Plumbing Pipe

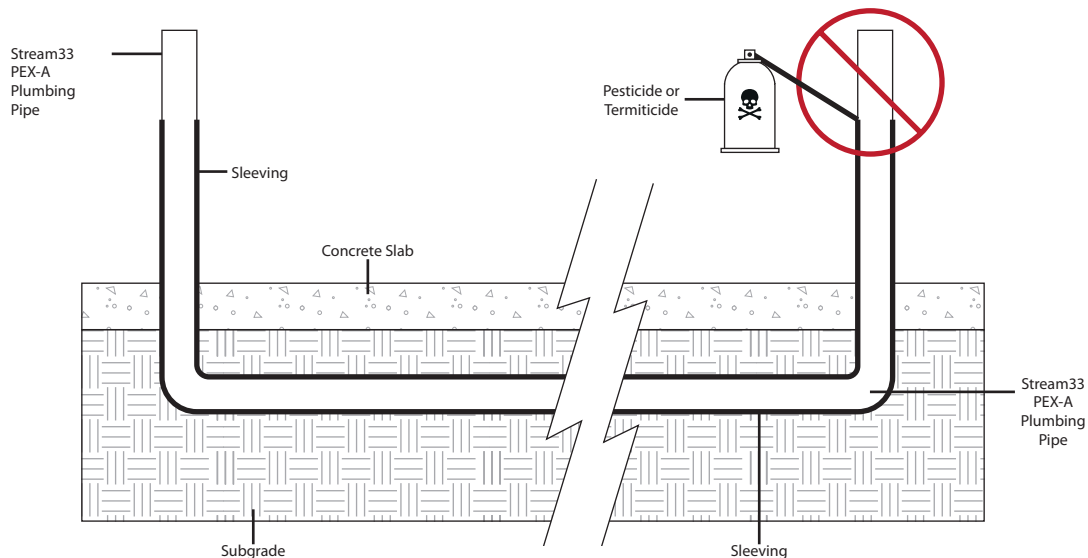
Date: 16 August 2022

It is not necessary to continuously sleeve Stream33 PEX-A plumbing pipes which are buried below or within a concrete slab. Stream33 considers continuous sleeving to be unnecessary. However, continuous sleeving of Stream33 PEX-A plumbing pipes buried below or within a concrete slab is not prohibited. In such cases the following precaution must be followed:

When PEX plumbing pipes are continuously sleeved below or above a slab, the space between the PEX pipe and the sleeving must never be filled with any liquid chemical, including pesticides or termiticides (see Fig. 1). The annular gap between the pipes at the ends should be filled with silicone or polyurethane expanding foam to help prevent pathways for pests and the mistaken application of harmful chemicals into the space between the PEX pipe and the sleeving. Use only sealants that are compatible with PEX pipes.

Application of pesticides or termiticides between PEX pipe and sleeving is strictly prohibited.

Figure 1: PEX Pipe sleeved under a slab.



WARNING! Do not fill sleeving or space around Stream33 PEX-A Plumbing Pipe with chemicals such as pesticides or termiticides!

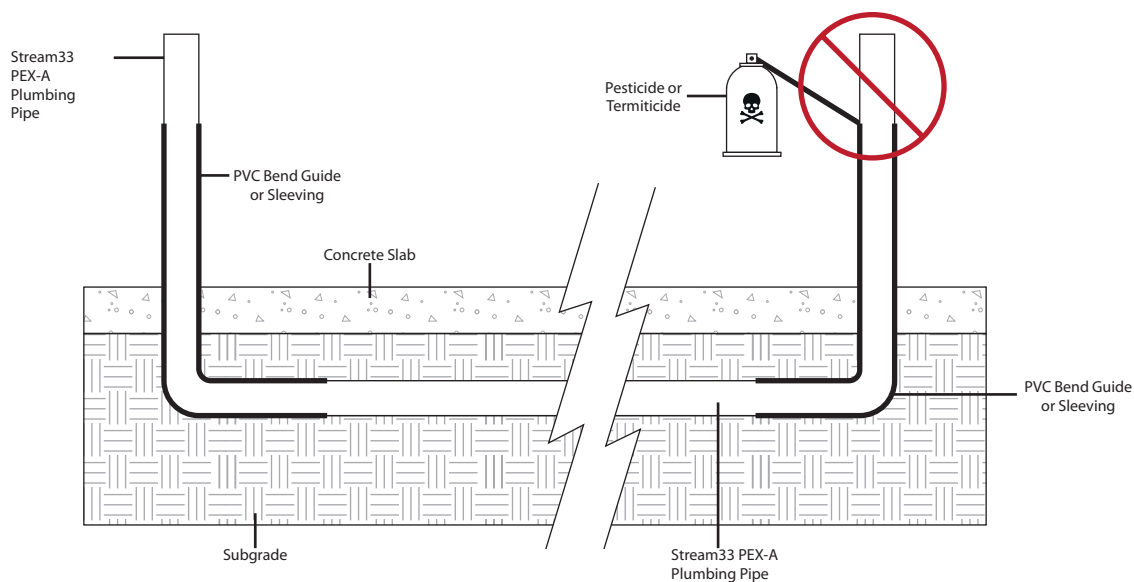
The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained therefrom. Before using, the user will determine suitability of the information for user's intended use and shall assume all risk and liability in connection therewith.

Stream33's cross-linked polyethylene (PEX A) pipe for hot-and-cold water distribution (plumbing) is recommended for installation directly in or below concrete slabs. This is especially useful in slab-on-grade construction. Stream33 does not require that Stream33 PEX-A plumbing pipes encased within concrete slabs be sleeved.

Stream33 does recommend the use of either PE Protection Sleeve (shown) or PVC Bend Guides at all slab penetrations to protect Stream33 PEX-A Plumbing Pipe from abrasion where it passes through the concrete (see Fig. 2).

In such installations, the gap between the pipes at the ends should be filled with silicone or polyurethane expanding foam to help prevent pathways for pests and the mistaken application of harmful chemicals in the space between the PEX pipe and the sleeving. Use only sealants that are compatible with PEX pipes. As with continuously sleeved pipes, the application of pesticides or termiticides between PEX pipe and sleeving is strictly prohibited.

Figure 2: Recommended installation of Stream33 PEX-A Plumbing Pipe under a slab.



WARNING! Do not fill sleeving or space around Stream33 PEX-A Plumbing Pipe with chemicals such as pesticides or termiticides!

NOTE: Stream33 PEX-A Plumbing Pipes for potable water applications shall not be installed in contaminated soils or immersed in liquid chemicals. Do not directly spray on or allow organic (petroleum-based) chemicals such as petroleum distillates, termiticides or pesticides to come into contact with Stream33 PEX-A Plumbing Pipes, otherwise permeation of certain harmful chemicals may occur through the pipe wall.