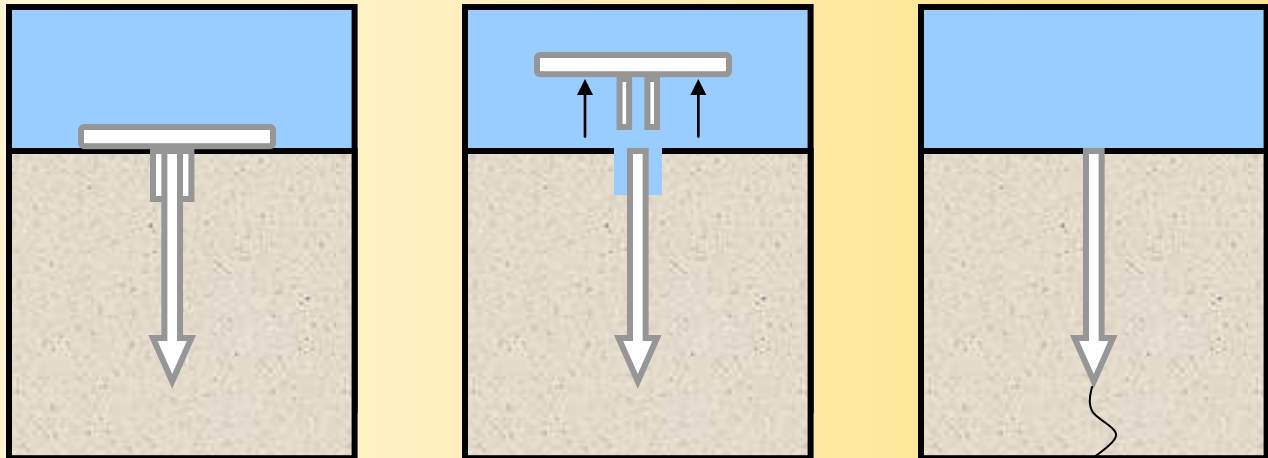




# ZIP CAP CONTROL JOINT FORMER

Vinylex **ZIP CAP** provides a fast, economical way to form a control joint. **ZIP CAP** Control Joint Former takes only minutes to install during normal concrete finishing. **ZIP CAP** creates control joints faster, easier and with far less expense than saw-cutting.

**ZIP CAP** forms a vertical plane of weakness in the concrete slab. As the concrete cures, dry shrinkage occurs and creates tensile stresses in the concrete. Cracks form when the tensile stresses exceed the tensile strength of the concrete. Randomly occurring cracks are unsightly and may affect the structural integrity of the concrete. **ZIP CAP** allows you to predetermine the location of these joints for aesthetic and performance purposes. Cracks are controlled to the vertical plane of weakness by **ZIP CAP**.



To ensure a weakened plane, ACI recommends that the slab thickness be reduced by 25 percent minimum. For example, a 6 inch slab will require 1 ½" **ZIP CAP**. The cracks form around and between aggregate, so the aggregate meshing in their sockets will provide an interlock across the crack. This interlock provides excellent load transfer to limit differential movement, thus the adjoining slab surfaces remain flush.

Refer to ACI 224R-90 Chapter 3 for more information on drying shrinkage cracks and ACI 302.1R-89 Chapter 2.3.2 and 7.2.9 for joint location and design.

## INSTALLATION

1. Screed and float the location of the joint. Strike a line for accurate alignment
2. Using a 1/16" thick, straight edge guide, groove out a slot to the desired depth. The depth should be equal to the depth of the **ZIP CAP** and at least a fourth of the thickness of the slab. Groove the slot well to part any aggregate that might block insertion of the **ZIP CAP**.
3. Press **ZIP CAP** down into the formed groove so that the removable top is level with the surface of the concrete.
4. Finish by pulling the top section off to leave the joint former firmly embedded in the concrete.
5. Trowel and finish off concrete.

**ZIP CAP IS MANUFACTURED FROM HIGH IMPACT POLYSTYRENE.**

### AVAILABLE IN THREE SIZES:

Product No.	Depth	Length
855	1"	10'
856	1 ½"	10'
857	2"	10'