



GREENSTREAK GROUP, INC

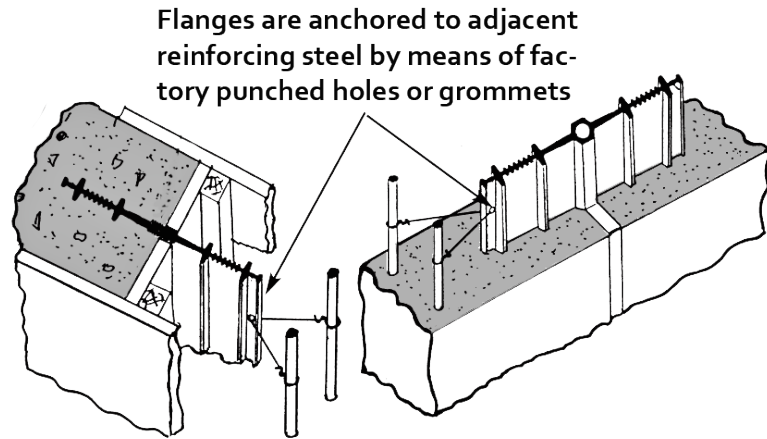


Anchoring Methods For Thermoplastic Waterstops

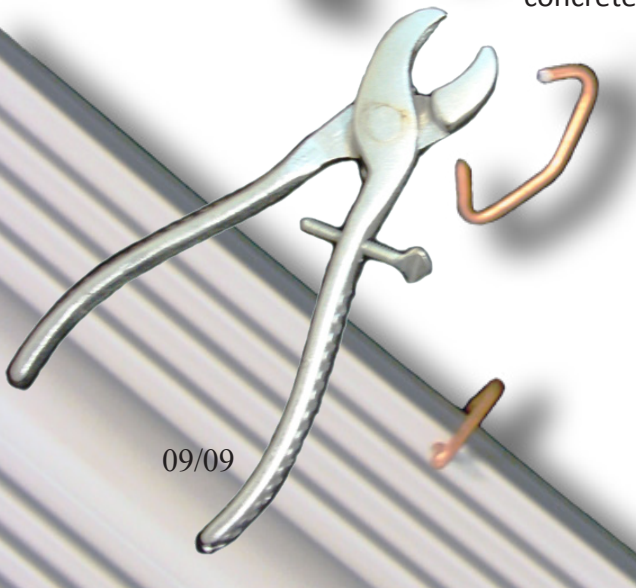
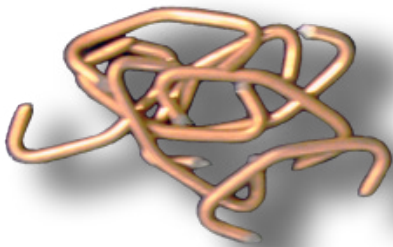
Thermoplastic waterstops are installed prior to the initial concrete pour to ensure proper positioning. Split formwork is generally required for slab-to-slab, slab-to-wall, and wall-to-wall joints where ribbed or dumbbell style waterstops are used. The centerline of the waterstop should be aligned with the center of the joint.

The split form should firmly hold the waterstop in position to prevent misalignment of the waterstop during concrete placement. A tight fit is also necessary to prevent excessive leakage of concrete paste, which could lead to honeycombing of the concrete.

The outer flanges of the waterstop must be properly secured prior to concrete placement. This is accomplished with hog rings, factory punched holes or grommets or field applied hog rings placed along the outermost rib on 12" centers. Tie wire is looped through the factory punched hole, grommet or hog ring and tied off to adjacent reinforcing steel. This adequately secures the waterstop to prevent any displacement or "folding over" of the waterstop during the concrete pour.



Fasteners or penetrations through the waterstop should be avoided whenever possible. When they are unavoidable, penetrations or fasteners shall only be located between the two outermost ribs when utilizing a ribbed profile, or through the dumbbell when utilizing a dumbbell profile. It is important to note the thicker waterstops are less likely to fold over. Thicker waterstops also reduce the potential for the hog rings or grommets to tear out of the waterstop due to the stresses caused during concrete placement.



Greenstreak can provide waterstops with prepunched holes or factory applied grommets when requested. Greenstreak also offers hog rings and hog ring pliers for application in the field.

Contact a Greenstreak Engineer for additional information.

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