



Speed-Clip™ Rebar Tie

The Speed-Clip™ is a simple spring-loaded wire clip that is easily placed over intersecting reinforcing steel to prevent displacement of the steel while pouring concrete.

The Speed-Clip™ is designed to provide a fast and secure method for connecting rebar by hand, without tools. It has a unique design in which the one Clip will tie reinforcing steel bar that is parallel, perpendicular, or at any angle to each other. Installation takes about a second per tie. The spring-loaded tension of the Speed-Clip™ binds the top cross member to the intersecting lower section of rebar. The force of the clip in conjunction with the ribs on the rebar holds the steel in position.

Tying rebar is generally backbreaking, slow work. Even the best rod-busters slow as their day progresses. Backs tire and wrists ache from cutting and twisting. Most of the fatigue associated with traditional wire tying is eliminated when using the Speed-Clip™. A worker need only bend down for a second or two when making a connection and there are no tired wrists from twisting. An additional benefit is that with less stress inflicted on a worker's back and wrists, Workers' Compensation claims from related injuries are most likely reduced.

Labor savings is the greatest benefit. Tying time is generally cut in half. Additionally, since there are no special skills needed to install the Speed-Clip™, lower cost labor can be used to install the ties. There is a specific benefit in placing and tying walls as well. A single worker can set a horizontal bar with one hand and tie it in place with the other, a task that usually required 2 people. Because installation is a one-handed operation the ties are also beneficial for tight, hard to reach areas in foundations and underground work. Additionally if a reinforcing bar needs to be realigned the Speed-Clip™ can be easily removed and then reapplied in the new position.

The Speed-Clip™ was developed in Danville California and is currently patent pending. The Clip's final design was decided upon in the summer of 2004. Testing started with placing reinforcing steel in concrete patios and drives. Since that time many others have tried and used the Speed-Clip™.

We have found the Speed-Clip™ to be of great benefit for those in the business of pre-cast concrete, tilt-up construction, ICF forming, utility vault fabrication, underground construction, retaining walls, pools, driveways, and decks. Additionally, we expect the Clip to be used on freeways and bridges and we are currently developing vinyl-coated and stainless steel clips to be used with epoxy coated and stainless steel rebar for that industry.

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