



Falcon SpeedForms Application Guide

Falcon Board

Falcon Board is a revolutionary product that allows you to quickly set forms for use with flat concrete work. Not only are the Falcon Boards re-usable, but they allow you to quickly adjust the grade, optimizing your labor expenses.

The Falcon Board system includes the Falcon Boards, Stake Clamps, Connector Pieces, and Angled Falcon Boards:

Falcon Boards

The boards are available in 2x4, 2x6, and 2x12 widths and in 8', 10', and 12' lengths. Falcon Boards use a stake clamp system to attach the board to the stake. The stake clamp system can be used with rebar, round steel and wood stakes. For optimal performance and to ensure that the boards are straight, Falcon Board should be staked and clamped every 2-3 feet, and when possible, at each joint. For radius work, stake clamps should be used every 3-4 feet.

Stake Clamps

To use the Stake Clamp, perform the following steps:

1. Open the clamp fully
2. Insert the base of the clamp into the slot in the board with the cam lock handle pointed up. You should insert the cam lock on the left-hand side of the stake.
3. Slide the clamp towards the stake until the stake and clamp come in contact. Rotate the clamp 90 degrees counter-clockwise. This will lock the clamp in place
4. You can now adjust the height of the form. Once the height is correct, rotate the handle counter-clockwise until tight.

Connector Pieces

The Falcon Board system includes connector pieces to join two boards forms together. The end result is a limitless board that appears virtually seamless. To use the connector pieces:



1. Slip two end connectors into the outer cavities of the board. The end connectors can be held together with a staple or screw through the stake side of the board. Be sure that the staple or screw is long enough to penetrate both the board as well as the end connector but not so long that it penetrates the forming face of the board. $\frac{3}{4}$ " to 1" fasteners work well.
2. Once both end connectors are fastened to one end of a board, the next board can slide onto the end connectors and be fastened in place the same way.

Angled Falcon Boards

Additionally, custom angled Falcon Boards can be ordered. The boards are hinged in the middle. This technique allows you to fabricate both inside and outside 90 angles and every angle in between. Angle pieces are fabricated in each standard board size. The angle pieces can be combined with connector pieces to attach to boards.