

Flex-C Trac™

Flex-C Trac™ is a building product used to frame structural curves. It is a hand shapeable track made up of pivotal galvanized steel sections with a sliding strap on each of the two legs. It is sold in 10-foot lengths and ready for installation. The Flex-C Trac system can be used in metal or wood construction. It is available in 2 ½", 35/8" and 6" widths.

Flex-C Trac offers an innovative solution to framing curved structures. Using new technology, the Flex-C Trac system allows the builder to create high quality curved walls, columns, arches and even "S"-curves with a simple, easy to use product. These curves can be built vertically or horizontally. Flex-C Trac can match irregular or "French" curves or match existing shapes on site.

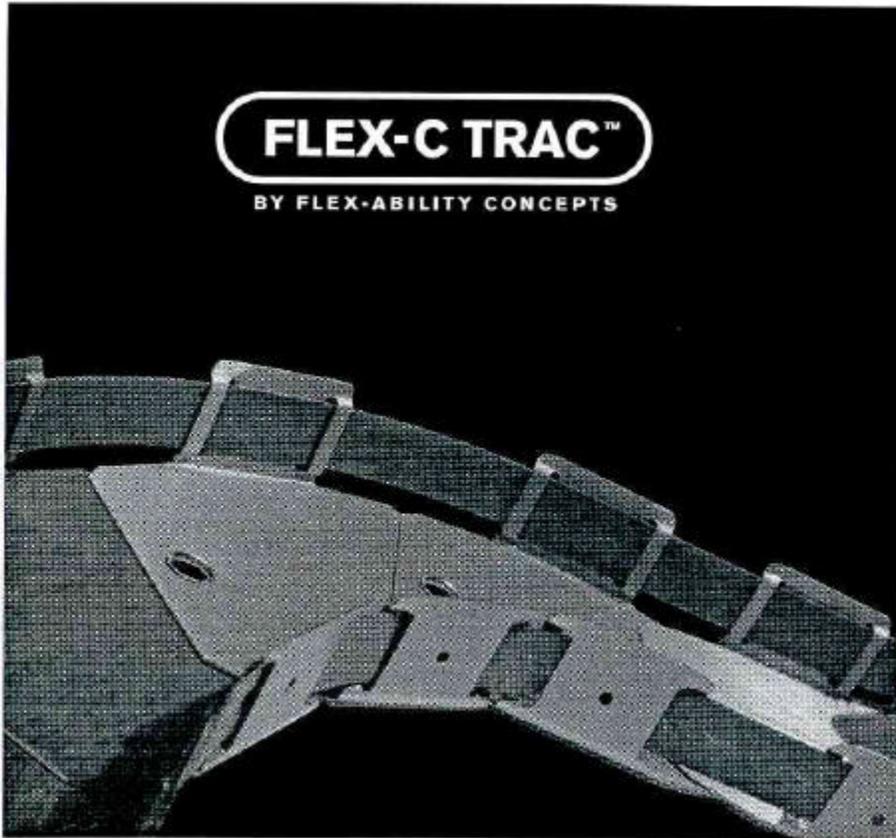
The most important aspect of Flex-C Trac to architects has been the strength, the higher quality and uniformity of the finished curves. Now they don't have to reject a finished curve, wondering if it will be any better when it is redone. It can be built smooth and strong the first time.

Flex-C Trac is easily shaped by hand on site to match the desired curve. Next, install self-tapping screws through the holes in the side legs and into the strap to secure the track in the desired curve. These screws hold it rigid. No unusual or special tools are required. Once the curve is secured, simply anchor the curve to the floor and ceiling. Insert and fasten typical wood or metal studs into the U-shaped channel. Studs can be placed at any interval. This frame can now be covered with the desired gypsum wallboard, wood, or other architect specified product. The strength of Flex-C Trac holds its curve without allowing flat spots to form.

Before Flex-C Trac, framing curves was done using many different methods. Most methods consisted of chopping or partially cutting through boards or sheet metal track. Then these pieces were either nailed or screwed to the structure in the curve or patched back together in some semblance of a curve. Some have even custom fabricated track from plywood and sheet metal using labor intensive methods. Another method of shaping sheet metal track into curves is to run the straight track through a set of rollers or crimpers to force the track into a curve. This method can twist the track and create deformations that inhibit the placement of the studs.

The innumerable methods that have been used to frame curves demonstrate how desperately an effective, cost efficient method for framing curves was needed. Flex-C Trac results in stronger, smoother curves with less labor. Contractors have reported labor savings of up to 80%.

Frank L. Wheeler, a carpenter, realized the need for an efficient and better way to frame curves and invented Flex-C Trac. The product has been on the market for a little more than a year. It has primarily been used in the commercial construction and also being accepted into the residential market. It has been widely used across the United States. The Trac is also being used in Canada, Australia and New Zealand. Several companies have expressed interest in distribution for Europe.



Curved walls, barrel vaults, columns and "s"curves are no problem for Flex-C-Trac. This timesaving method of curve building is already in use nationwide. The process is simple:

- ① Shape the track by hand.
- ② Secure the track with screws.
- ③ Fasten the track to the ceiling or floor.

Then proceed as usual with either wood or metal studs.

