



EFCO Deck Systems

Des Moines, IA



In 2007, EFCO, a manufacturer of systems for concrete construction, began marketing a newly developed Handset Shoring System for cycling large deck panel systems from floor-to-floor by crane. The innovative system and lightweight components of this project are designed so one person can erect the shoring system without the assistance of an entire crew.

The EFCO system, made of galvanized steel and aluminum, is designed for slab construction where flying tables are not practical. The system is a good solution for pour-in-place concrete slabs, and has been used in several high rise renovations, apartment complexes, and other building construction projects around the globe. Because the system utilizes hot-dip galvanized steel, it will be protected from the harsh environment of construction sites. Already becoming immensely popular in the industry, the potential for galvanizing in this marketplace is exponential.



The fabricator has a lease program for the equipment, and the protection of hot-dip galvanizing greatly reduces touch-up and maintenance requirements when equipment comes in off of lease and is prepared for leasing to new customers. The galvanized components maintain their aesthetic appeal lease after lease – and erected structures in the field look good to the public for the entire project duration. As a concrete form construction product, hot-dip galvanized steel is superior to painted product on construction sites. With minimal clean-up, galvanizing will allow the EFCO system to continue to be leased repeatedly without corrosion for generations.

