

DeckFast™ Makes the Grade

The Mallinckrodt Senior Residence is a rehab development of a former college in Wilmette, Illinois. The plans for the development included the addition of underground parking for residents, staff and visitors.

Although the DeckFast system is usually used for creating a flat slab, it can accommodate some sloped conditions. This project featured a slight drainage slope on the base slab and an East-to-West slope on the slab being supported. The 9" and 10½" slab was elevated at 10'-6¾" and also had 10' x 10' drop heads which were supported by FrameFast™ shoring with aluminum joists and stringers. Plans called for approximately 30,000 ft² of DeckFast deck panels and drop heads.

DeckFast is a system that consists of Post Shores, 5.9' x 5.9' aluminum panels and smaller fillers with a 10mm plywood face. Working around the drop heads, the contractor used as many large DeckFast panels as possible and then pieced in the smaller areas. By adjusting the elevation of the post shores with the threaded collar, the contractor was able to create the drainage slope.

- Advantages of the system include:
- An average of 1000 ft² per worker per day on a flat slab.
- Light-weight frames make moving and placing panels easier.
- Assembly from below provides workers with a stable work surface.
- Tripods provide stability in the initial setting operations.
- 2-prong and 4-prong support bearings for the panels.
- A quick-release pin allows easy stripping with a hammer blow.

Additional product information is available online at www.daytonsuperior.com. Contact your Dayton Superior representative at 888-977-9600, or send an email to info@daytonsuperior.com if you would like to discuss how these or other innovative systems can make your construction projects more productive.



The drainage slope required in this project was easily accommodated by the DeckFast deck support system.



Utilizing a combination of large panels and fillers, the contractor could accommodate the drop heads and the drainage slopes.