

Introducing Hi-Tech Tilt™ Insulatable Concrete Tilt-Up Walls

Hi Tech Tilt™ is a wall construction system superior to any other because it provides significant savings and advantages over conventional tilt-up wall systems. Here are just some of the advantages over conventional tilt-up wall systems.

- ◆ Uses 66% - 75% less concrete than standard tilt-up wall systems.
- ◆ Erections times up to 40% faster
- ◆ Reduction in finishing labor costs
- ◆ Does not require spread footing or concrete pour strips
- ◆ Panels may be erected 48 hours after pouring of concrete
- ◆ Smaller crane and reduced rental time required for construction
- ◆ Easy installation of insulation
- ◆ Installation of utilities within the panel



Largest panel to date 25' x 45'



Parkview Business Center

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TILT™**
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Danolca Forwarding (51,800 Sq Ft)



JP Columbus Investments (60,800 Sq Ft)



My "Lil" Big School (18,647 Sq Ft)



Quintanilla Transportation (12,816 Sq Ft)



Inter-Continental Warehouse (110,796 Sq Ft)



The Body Factory (14,140 Sq Ft)



Apply-Tek (15,600 Sq Ft)



Tradelink Forwarding Warehouse (240,000 Sq Ft)



Park View Business Center (39,437 Sq Ft)



Tonila Square (28,000 Sq Ft)

Introducing HI-Tech Tilt™ Insulatable Concrete Tilt-Up Walls

Hi-Tech Tilt™ is the technology breakthrough of a 16ga. structural metal stud combined with W.M.F. steel reinforced embedded in a 2" max 3000Ib psi concrete slab. (With loadbearing capabilities)
Hi-Tech Tilt™ is a patented building technology.

The Hi-Tech-Tilt™ panels are framed with metal studs and track. The walls can be pre-fabricated in a plant or cast onsite on the building slab. The concrete exterior is 2" thick. The studs and track are usually 6" x 16 gauge. The steel is attached to the concrete by a tab that is punched out of the side flange of the studs and plates.

The tabs are spaced 4" to 6" on center as recommended by structural engineer. The tabs are embedded into the concrete by using the building slab as a casting bed, similar to tilt-up casting methods. The panels do not use rebar but use W.M.F. The resulting product is a structurally sound building panel that has a finished exterior tilt wall surface and a studded interior surface ready for finish out. Unlike conventional tilt wall, Hi-Tech Tilt™ allows the electrical, plumbing and insulation to be installed within the panels before standard drywall is attached to the studs. The exterior can be cast with feature strips or any decorative reveals. There are various methods of creating a thermal break for extreme climates.

This patented technology forms construction panels stronger but lighter than solid concrete, concrete block or any other conventional construction method. The bonding and adherence of the concrete to steel becomes a *very* strong composition of conventional products which provides you a competitive edge over tilt-up and other building systems, allowing you to build stronger buildings faster and at a lower cost.

