

LITETILTTM

Insulated Forms for Tilt-Up Construction



Product Overview

The LiteTiltTM system is an insulated concrete form for tilt-up construction. This system consists of expanded polystyrene panels with optional steel attachment rails available for one-sided tilt walls. These concrete form panels provide a lighter, faster, more energy-efficient casting bed for site-cast, tilt-up concrete walls. They are perfect for warehouse, offices, retail, schools, healthcare, data centers and other building types. Insulated panels can be incorporated as part of an energy-efficient finished wall with a nominal R-30 insulating value, or the panels can be adapted for multiple uses in casting conventional, non-insulated concrete walls, offering versatility and efficiency in construction projects.

LiteTilt comes in three custom engineered options:

- Insulated Panels
- Sandwich Panels
- Un-Insulated Panels

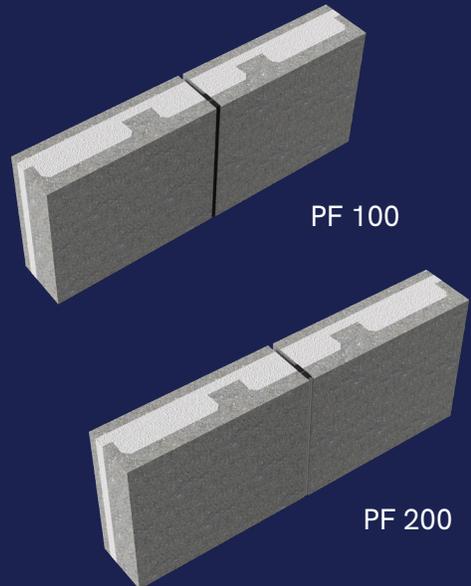


Features & Benefits Checklist

- ✓ Special EPS form designed for aggressive bonding to concrete
- ✓ Optional stack casting saves space, reduces crane time and accelerates curing
- ✓ Lighter-weight panels can provide greater flexibility in crane selection while maintaining standard tilt-up design and erection practices
- ✓ Concrete panels can be quickly customized to incorporate custom blockouts and openings
- ✓ Integrated R-30 insulation meets energy codes and removes the need for additional insulation trades

Pre-Compressed Solutions

Willseal® PF100 and PF200 are ideal for Tilt-Up construction, offering superior performance and efficiency. PF100 features a pre-compressed foam sealant for a weathertight, airtight, UV-stable seal, streamlining installation before or after panel setting. PF200 adds a pre-cured sealant face for a polished finish with custom color options, ideal for visually focused projects. Both enhance air barrier continuity, reduce exterior installation, and outperform traditional backer rods and sealants. Compatible with Tremco sealants, they ensure seamless envelope connectivity for modular, panelized, and pre-cast or Tilt-Up panels.



High-Performance Sealants

Tremco sealants are the superior choice to secure a building envelope as they create a durable barrier against moisture, air and environmental damage. Products like Dymonic® 100, Dymonic® FC or Spectrem® 1 provide fast installation, excellent movement and lasting performance. They also protect critical interfaces such as window and door perimeters, wall-to-roof connections and expansion joints, ensuring the structural integrity, performance, and longevity of the building.

Scan to learn about our full line of sealants.



Variety of Facade Options

Discover innovative facade options for your Tilt-Up construction projects. Scan the QR code to dive into a world of versatile, high-performance solutions tailored to elevate your building's exterior.

