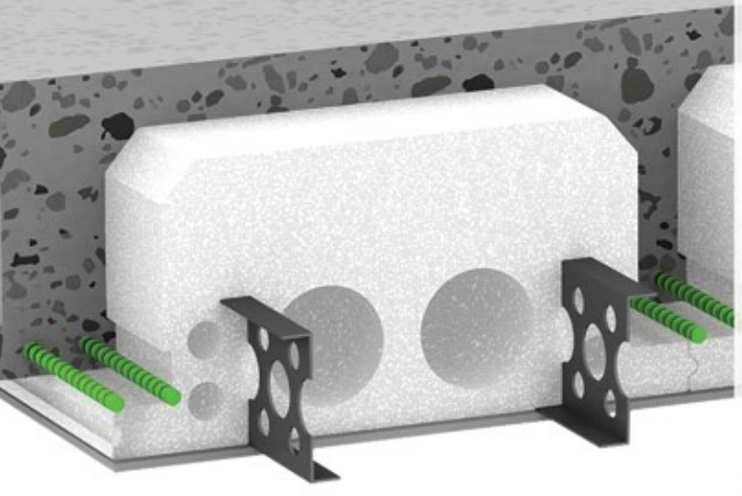
Plastbau® Technology

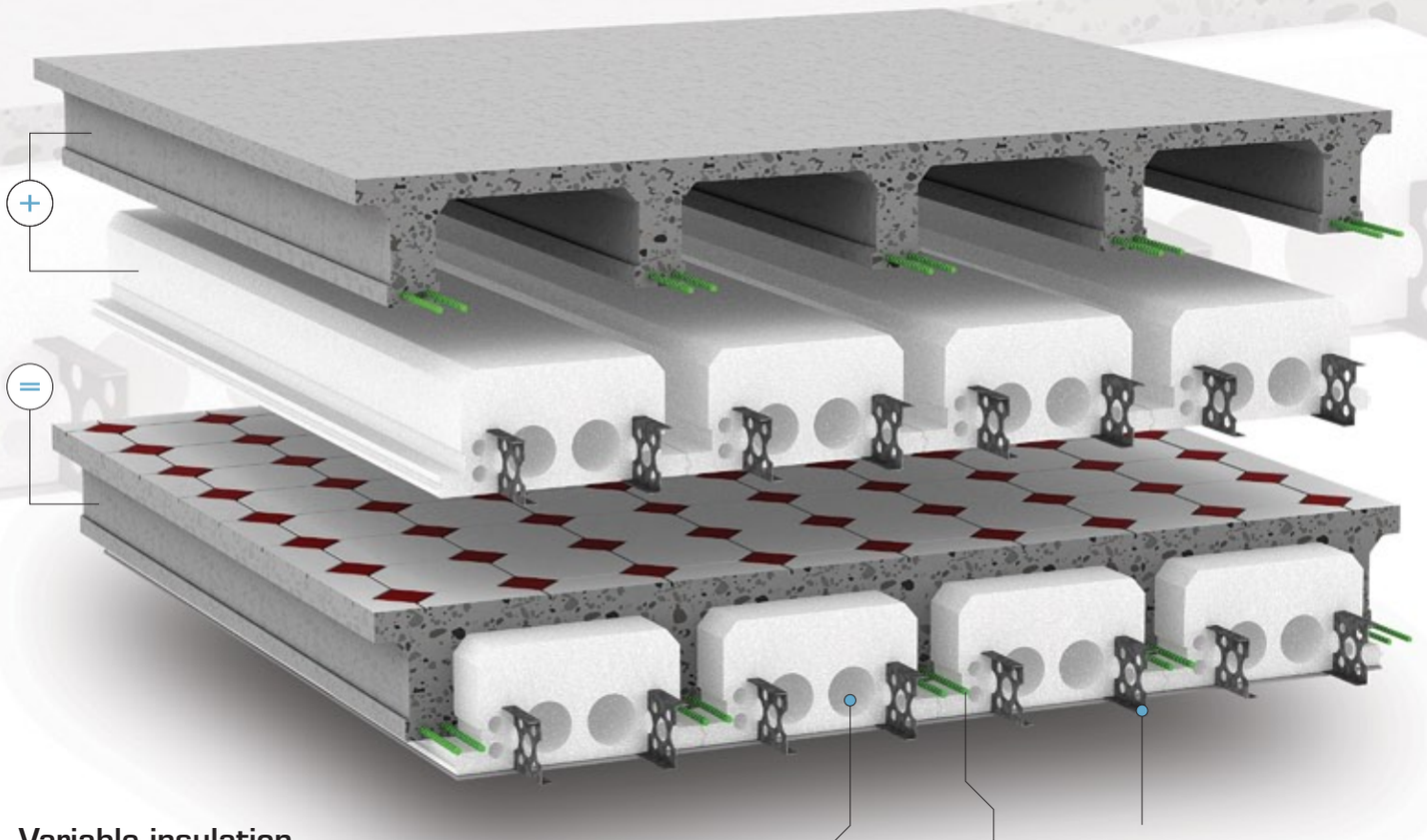
INSUL••DECK®

Lightweight Forming System for Concrete Floors and Roofs

Fast, flexible and safe method to form a concrete floor or roof that saves labor, time and money.

Technical Specifications Handbook
Available Online at www.Insul-Deck.org
1-800-475-6720





No cutting on site. Delivered cut to size and ready to install.

Easily install utilities in integrated chases (or channels).

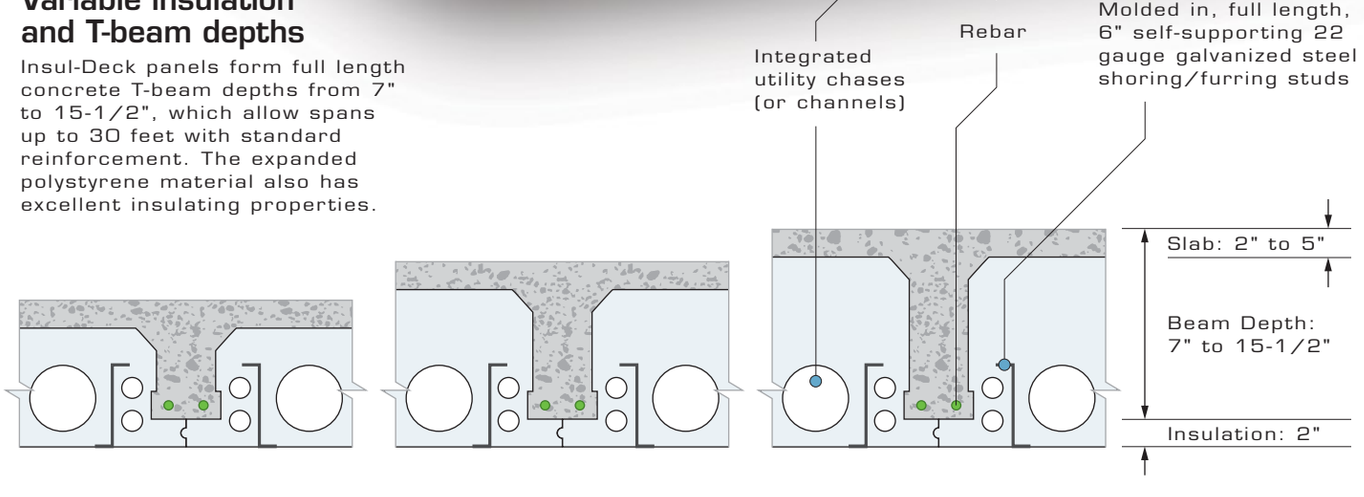
patented manufacturing process

Molded in, full length, self-supporting steel shoring/ furring studs.

patented manufacturing process

Variable insulation and T-beam depths

Insul-Deck panels form full length concrete T-beam depths from 7" to 15-1/2", which allow spans up to 30 feet with standard reinforcement. The expanded polystyrene material also has excellent insulating properties.



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The Fastest System to Form a Concrete Floor or Roof

1 Erect Shoring, Place Insul-Deck Forms

2 Install Reinforcement

3 Pump Concrete, Finish Surface

Owner Benefits

- Fire rated, passes ASTM E84/UL723
- Insulation R-Value up to 33
- Sound deadening design, sound transmission class can exceed STC 53
- Larger spans can be engineered

Contractor Benefits

- No cutting, tailor-made to plans
- Labor saving, leave-in-place forms
- Insulation already installed
- Furring studs already installed
- Monolithic pour
  - No joints
  - No fire caulking needed

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Illustrations show typical, generic layout and finishing styles. They are not intended as a guide for structural engineering or to reflect specific construction practices.

Shoring & Bracing: Installer is responsible for the design and correct installation of Shoring of Insul-Deck forms in accordance with the ACI (American Concrete Institute) 347-04 "Guide to Formwork for Concrete" or current applicable codes. Any variance from those standards must be provided and certified in advance by the structural engineer of record.

Reinforced Concrete: Installer is responsible for placement of all reinforcing steel in accordance with the ACI (American Concrete Institute) 318-05 "Building Code Requirements for Structural Concrete" or current applicable codes. Any variance from those standards must be provided and certified in advance by the structural engineer of record.

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