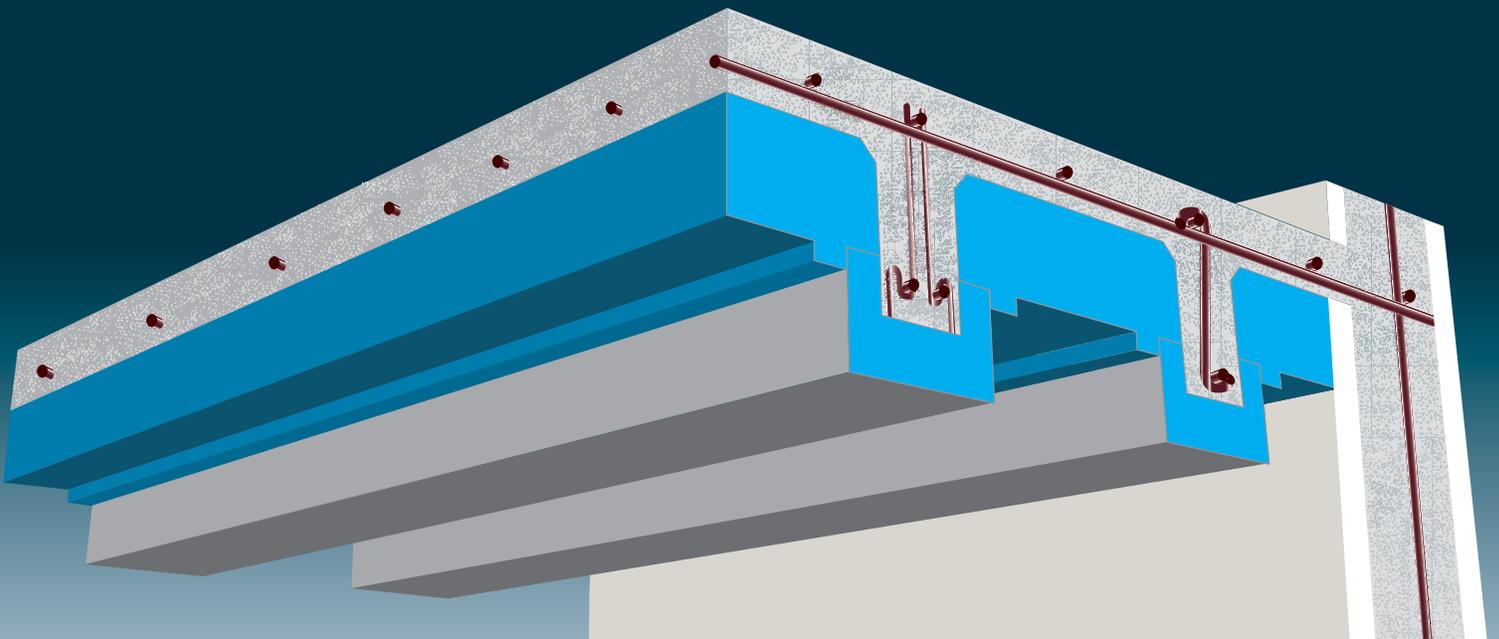


# Fortruss

INSULATED SUSPENDED STRUCTURAL SLAB

Residential  
Commercial

■ Floor   ■ Deck   ■ Roof   ■ Green Roof



Superior strength, flexibility, safety and value.



[www.beaverplastics.com](http://www.beaverplastics.com)

# Fortruss

INSULATED SUSPENDED STRUCTURAL SLAB

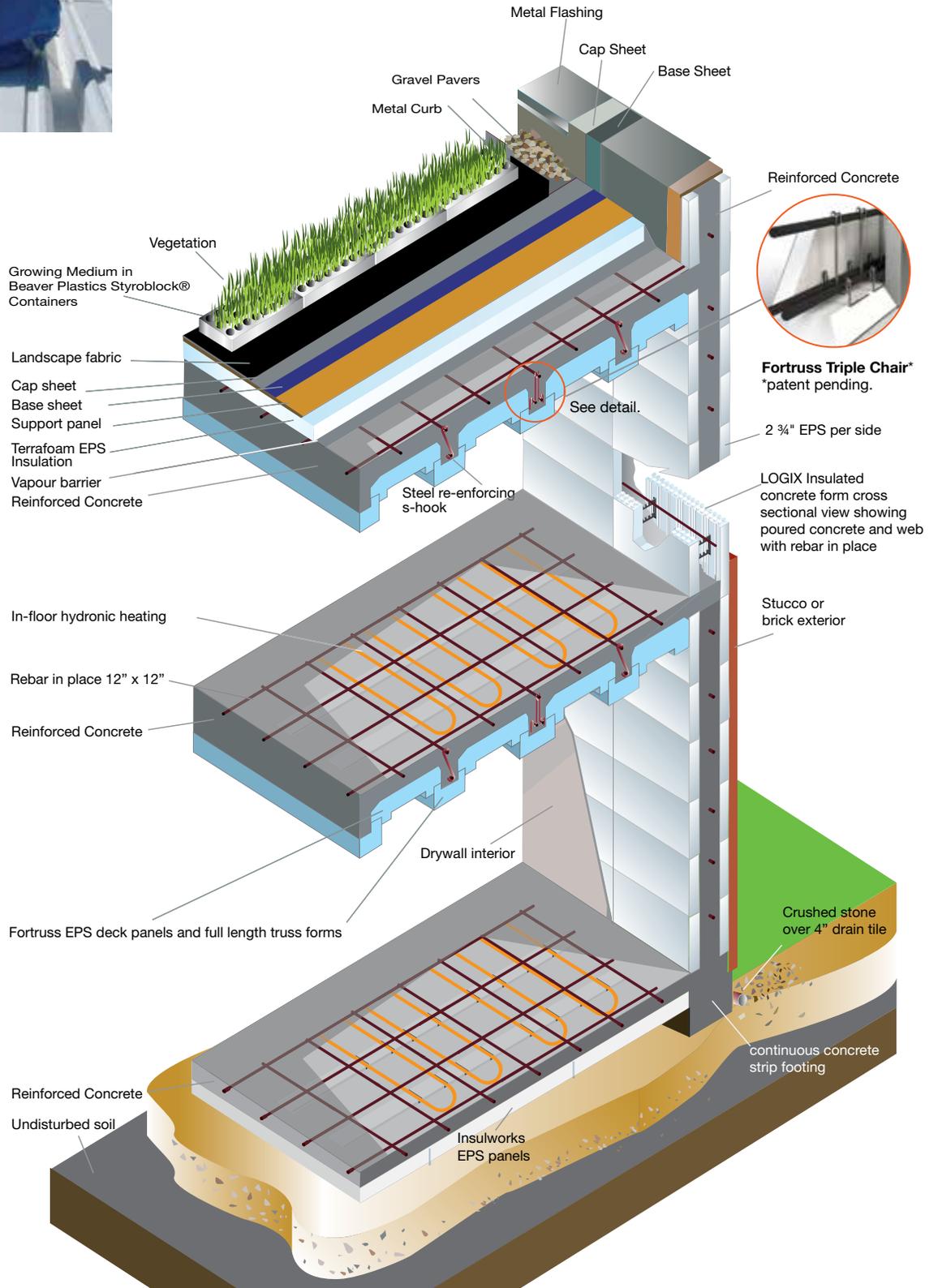


Fortruss is a forming system for insulated suspended concrete slabs. Light weight EPS deck panels are supported by metal clad truss forms that provide the formwork for suspended slabs. Applications include floors, decks and roof structures with clear spans of up to 40 feet. Pitched and sloped applications

are also possible. Fortruss suspended slabs provide superior structure, fire safety, sound quality, R-value and provide the basis for efficient in-floor heating and thermal mass utilization. Stamped and stained concrete finishes as well as Green Roof applications are easily achieved with Fortruss\*.

**NET-ZERO Ready ■ LEED Ready ■ ENERGY EFFICIENT ■ DISASTER PROOF**

\*No CFCs or HFCs.



# The Fortruss System

The Fortruss system provides superior strength, quality, safety and value when compared to conventional floor and roof truss systems. Ideal for use in both residential and commercial construction, Fortruss incorporates the strength and durability of concrete, the high performance insulating value of EPS rigid insulation and the added structure and flexibility of metal cladding. Fortruss perfectly compliments your Insulated Concrete Form (ICF) structure and together they provide a complete structural and thermal "building envelope".



## Residential Applications



## Commercial Applications

Fortruss provides better clear span options than conventional truss systems with the additional benefit of a fire-rated deck and/or roof structure.



- 1 DECK PANELS ARE LIGHT WEIGHT AND EASY TO HANDLE.**
- 2 TRUSS FORMS ARRIVE ON SITE PRE-CUT AND READY FOR QUICK INSTALLATION.**
- 3 TRUSS FORMS CAN BE EASILY CUT AND MODIFIED ON SITE.**
- 4 ONCE TRUSS FORMS ARE IN PLACE, SIMPLE SHORING IS ERECTED.**
- 5 DECK PANELS PROVIDE A SAFE WORKING STRUCTURE.**
- 6 REBAR AND STIRRUPS ARE THEN PLACED ACCORDING TO DESIGN SPECIFICATIONS.**
- 7 PLACE CONCRETE.**
- 8 TRUSS FORMS CAN BE POURED INDEPENDENT OF SLAB OR AS A MONOLITHIC SYSTEM.**
- 9 SERVICES ATTACH EASILY TO THE UNDERSIDE OF THE FORTRUSS SYSTEM.**

## FORTRUSS INSTALLATION:

- Quick to Install
- Light Weight
- Safe
- Quiet
- Sub-trade Friendly
- Design Flexibility
- Cost Effective
- Superior Structure
- Sustainable
- Energy Efficient
- Green Roof Compatible

# Fortruss

INSULATED SUSPENDED STRUCTURAL SLAB

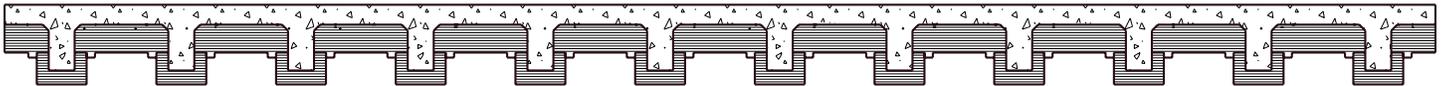
RESIDENTIAL ■ COMMERCIAL  
Floor ■ Deck ■ Roof ■ Green Roof

## Fortruss Performance Value:

- Superior Structure
- Durable
- Safe
- Healthy
- Fire Rated
- Energy Efficient
- Sustainable
- Green Building



CROSS SECTION OF FORTRUSS AND POURED CONCRETE



### Construction

- HALO
- TERRAFOAM EPS
- TERRAFOAM HS
- TERRAFOAM EPE
- CHROME GPS
- LOGIX ICF
- FORTRUSS
- HEAT SHEET
- FROSTCUSHION
- INSULWORKS
- DYNAFLEX
- DYNAVOID
- GEOFOAM
- G-TEC
- CUSTOM EPS PROFILES

### Custom Packaging Products

- FABRICATED
- MOLDED
- PRECIOUS CARGO SHIPPER

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