CBIA 2016 Energy Efficiency Forum

STRUCTRAL INSULATED PANELS (SIPS)

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Premier SIPs by InsulFoam – a Carlisle Company

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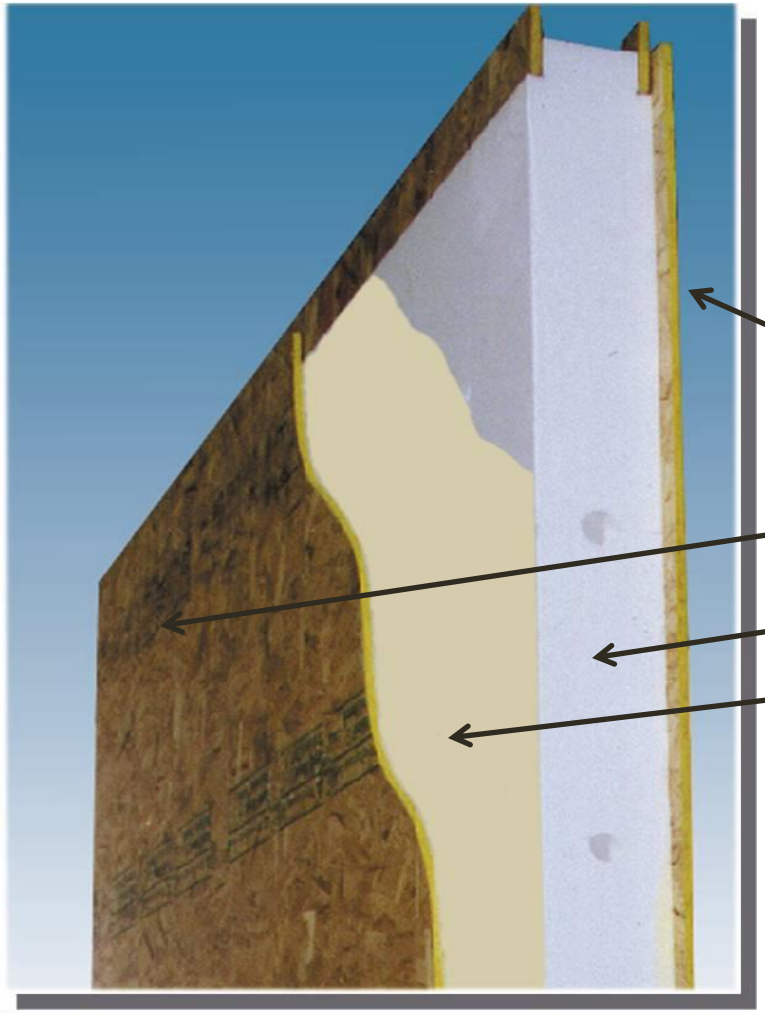
Overview

- 15 Minute Presentation
- Q & A at the end

Preview

- What is a SIP?
- Availability of Product
  - a. Types, R-Value
- Costs
- Installation
  - a. Limitations
  - b. Turnaround time
  - c. Capacity

What is a SIP?



- The anatomy of a SIP:
  - A composite of three materials
    - OSB
    - Core
    - Laminating Adhesive

Availability of Product

Availability of Product (cont.)

- SIPA

  Others: Builders, Suppliers, Design Professionals, Manufacturer's Reps, Distributors/Dealers.
- Types

  Skins: OSB, Fiberglass, Metal, Cement, MGO

  Cores: EPS, XPS, PU
- R-Values

  Whole Wall R-Value, Thermal Bridging, Air Infiltration

Cost

- $4.00 to $9.00/ft2 for the SIPs with accessories
- Around $3/ft2 of SIPs to install

Installation

- Limitations
- Turnaround Time
- Capacity - Varies depending upon the manufacturer and the size of their facility

Questions

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