2016 SIPA Building Excellence Awards

Structural Insulated Panel Association
Award Categories

- Agricultural
- Commercial/Industrial/Institutional > 10,000 sq. ft.
- Commercial/Industrial/Institutional < 10,000 sq. ft.
- Multifamily
- Affordable Housing
- Single Family Homes > 3,000 sq. ft.
- Single Family Homes < 3,000 sq. ft.
- Renovations
Awards

• Winner for each category
• Runner-up for each category (optional)
• Honorable Mentions (optional)
• Overall Winner
• Overall Runner-up
Judging Criteria

• Energy efficiency
  – quantified by HERS Index and other data
• Design & structural engineering innovation
• Creative use of SIP construction
• Environmental sustainability
Judges

Ann V. Edminster
Design AVEnues, LLC

Chris Fennell
BuildingInsight, LLC

Steven Mickley
Executive Director AIBD
AGRICULTURAL
Runner-up: Staples Home and Barn

Submitted by:
Energy Panel Structures

- SIP walls & roof
- HERS 54; 1.9 ACH
Winner: Organic Greenhouse

Submitted by:
Innova Eco Building System

- Attractive niche
- MgO SIP walls
- MgO/OSB roof SIP
- PanelWrights SIPA member builder
COMMERCIAL OVER 10,000 SQ. FT.
Runner-up: Fruit & Produce Corp. Office

Submitted by:

Premier SIPS

- Innovative use of expansive SIP roof panels
- Cool roof
Winner:
Rocky Mountain Institute Innovation Center

Submitted by:
Premier SIPS

• Innovative use of curved panels
• SIP walls & roof
• Certified Passive House (largest in US)
• Phase change material in walls
• 83K of PV; 0.36 ACH
• Net-Positive Energy
COMMERCIAL UNDER
10,000 SQ. FT.
Runner-up: Penguin Exhibit

Submitted by:

Innova Eco Building System

- Creative use of MgO SIP wall & MgO/OSB flooring
Winner: Blue Wave on the Bay Hotel & Store

Submitted by:

Enercept

- Challenging and creative use of SIP wall & roof panels
- LED lighting & EIFS siding
Runner-up: 10th Street Townhomes

Submitted by:

Energy Panel Structures

- SIP walls
- HERS 60
- EnergyStar
- 8 units
Winner: Lake Area Suites

Submitted by:

Enercept

- HERS 38
- EnergyStar
- 1.43 ACH
- 2012 IECC compliant
- 24 units
Winner: Sugar Mills Villas, St. Croix

Submitted by:

Innova Eco Building System

- 30 units
- MgO walls & roof
- No a/c
- 3 Kw PV
- Solar hot water

SIPA Structural Insulated Panel Association
SINGLE FAMILY HOMES
OVER 3,000 SQ. FT.
Runner-up: Achs Residence

Submitted by:

Extreme Panel

- SIP walls & roof
- HERS 15; 0.49 ACH
- Net Zero Energy, LEED Platinum, EnergyStar v3
Winner: Dunn Residence

Submitted by:

Extreme Panel

- SIP roof, floors and walls
- HERS 39; 0.69 ACH
- ICF foundation
- Geothermal system
SINGLE FAMILY HOMES UNDER 3,000 SQ. FT.
Runner-up: Shelley Whidbey Island Home

Submitted by:

CVH, Zero-Energy Plans

- SIP walls & roof
- HERS -12; 0.7 ACH
- NZE design
- Panels by Premier SIPS
Winner: Twin Mountain Home

Submitted by:

Foard Panel

- SIP Neopor walls & roof
- Local wood trim
- HERS 32; 0.37 ACH
Winner: Beineke House Renovation

Submitted by:
GreenTech Construction

- 1872 historic preservation – reused doors, floors, slate roof
- SIP roof & walls
- Raised house for new foundation
- HERS 47 pre-drywall
- Panels by MM&I (SIPA member)
OVERALL COMPETITION
NON-RESIDENTIAL
Non-Residential Overall Honorable Mention: Organic Greenhouse

Submitted by:

Innova Eco Building System
Non-Residential Overall Runner-up:
Blue Wave on the Bay

Submitted by:
Enercept
Non-Residential Overall Winner: Rocky Mt. Institute Innovation Center

Submitted by:

Premier SIPS
OVERALL COMPETITION
RESIDENTIAL
Residential Overall Honorable Mention: Dunn Residence

Submitted by:

Extreme Panel
Residential Overall Runner-up: Twin Mountain Home

Submitted by:
Foard Panel
Residential Overall Winner: Beineke House Renovation

Submitted by:

GreenTech Construction