

# 2021 SIPA Building Excellence Awards



**Official Entry Form**

**APPLICATION DEADLINE: *January 23, 2021***

The Structural Insulated Panel Association (SIPA) is hosting the eighteenth annual Building Excellence Awards to recognize association members that build exemplary projects using structural insulated panels (SIPs). The competition allows SIPA members to showcase their best work while demonstrating the design flexibility, sustainability and energy efficiency possible with SIP construction.

**SelectSIPs  
EXPO 2021**

***A Better Way to Build***

**MARCH 15-17 / ORLANDO, FL**

*Winning entries will be showcased at the 2021 SIPA Annual Meeting and SelectSIPs EXPO.*



**Structural Insulated  
Panel Association**



*Homes and commercial buildings completed between January 1, 2020 and December 31, 2020 are eligible.*

### ***Award Categories:***

- High Performance (*any size or use category - judged only on special High Performance features or certifications*)
- Single Family 'Small House' under 900 sq. ft.
- Single Family Homes over 3,000 sq. ft.
- Single Family Homes under 3,000 sq. ft.
- Multifamily
- Agricultural
- Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.
- Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.
- Renovations (*residential or commercial, includes additions and retrofit insulated panels*)
- Affordable Housing (*excludes multifamily, home ownership cost must be at or below 30% of median income for location*)

### ***Who is Eligible?***

- The submitting company must be a current SIPA member in good standing
- Structural insulated panels must be used on a minimum of 50% of the building envelope, determined by square footage of exterior walls and roof
- The SIPs used on the project must be provided by a SIPA member manufacturer
- Installers, designers or other parties involved in the project who are not SIPA members will not be recognized in awards materials. However, builders or architects may apply for membership with their entry, but must be full members in good standing prior to the closing date for the entry to receive recognition.
- Project must be completed between January 1, 2020 and December 31, 2020

### ***Winning Entries***

- One winner will be chosen from each category. From the category winners, an Overall Competition Winner and a Runner-Up will be named.
- Judges may hand out Honorable Mentions at their discretion
- Winners will be recognized at the 2021 SIPA SelectSIPs EXPO (Annual Meeting) in Orlando, Florida, March 15-17, 2021.
- SIPA will promote the winning entries on the SIPA website and issue a press release to outside media

## Guidelines

- Member companies may make multiple entries, but a separate entry form must be completed for each entry (except for same project also submitted to High Performance category)
- SIPA has the right to use the photos to promote SIPs to the construction industry. All entries will be displayed on the SIPA website.
- The deadline for entries is January 23, 2021. All entries must be received at the SIPA office on or before that date.

*The following information and documentation is REQUIRED. Entries without the required items will not be considered.*

- Completed and signed application
- A minimum of two photos showing different views of the completed project
- Photographs must be submitted in digital form and be at least 2400 x 3000 pixels, or 8" x 10" at 300 dpi
- Residential projects are encouraged to have a HERS Index calculated by a RESNET certified home energy rater. High Performance category projects must present a HERS Index with blower door data. Commercial High Performance projects must provide other documentation of energy efficiency.

*Additional documentation is not required but is highly recommended to give the judges a clear picture of the project's overall design, sustainability, systems integration, and energy efficiency.*

- Additional photos showing the construction process and SIP installation
- Documentation of energy efficiency, such as a HERS report, blower door test results, utility bill data, or infrared thermography
- A thorough description of energy-efficient technologies other than SIPs, as well as other innovative or sustainable features
- Comments from the building owners regarding their satisfaction with the building
- A floor plan of the project. A single page line drawing no larger than 17" x 22" in size is sufficient. Please do not send full blueprints.



## Judging Criteria

**Each entry will be judged on the following criteria:**

- Design and structural engineering innovation
- Creative use of SIP construction
- Environmental sustainability

### **New High Performance Category criteria:**

- Projects can compete both here and in specific building type category
- Only features pertaining to eco-efficiency, health, resilience, and renewable energy are considered here
- Energy efficiency (quantified by HERS Index, blower door and other data)

# SIPA Building Excellence Application (Page 1 of 4)



## PARTICIPANT INFORMATION

Company Name: ENERCEPT  
Contact Name: John Giuliani  
Address: 3100 9th Ave SE  
City: Watertown State: SD Zip: 57201  
Phone: 605 882 2222  
Email: giuliani\_js@Verizon.NET Website: WWW.ENERCEPT.COM

## CATEGORY ENTRY (check one category)

- |  |   |
|--|---|
| <input type="checkbox"/> Single Family 'Small House' under 900 sq. ft.     | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings under 10,000 sq. ft. |
| <input checked="" type="checkbox"/> Single Family Homes over 3,000 sq. ft. | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.  |
| <input type="checkbox"/> Single Family Homes under 3,000 sq. ft.           | <input type="checkbox"/> Renovations  |
| <input type="checkbox"/> Multifamily                                       | <input type="checkbox"/> Affordable Housing   |
| <input type="checkbox"/> Agricultural                                      | <input type="checkbox"/> High Performance (multiple category entry permitted)               |

## PROJECT INFORMATION

Project Name: Uzarski Residence  
Address: 1046 Sikora Drive  
City: Pulaski State: PA Zip: 16143  
Date completed: 8/2020  
Total cost of project (exclusive of land): \$820,000  
Dimensions of building (all floors of multi-story building):  
Irregular  $\approx$  65'x45'  
Asking price/purchase price (Affordable Housing only):  
N/A  
Total sq. ft. of conditioned space:  
2,995 (Living Space)

## BUILT BY (if different than applicant)

Company Name: N/A  
Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

## PANELS MANUFACTURED BY (SIPA members only)

Company Name: ENERCEPT

Continued

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**DESIGNED BY** (if different than applicant – SIPA will only recognize members)

Company Name: ENERCEPT

Contact Name: Jon Golz

Phone: 605-882-2222

Address: 3100 9TH AVE SE

City: Watertown

State: SD

Zip: 57201

**Please answer each question with as much detail as possible to help in the judging process.**

**Attach additional sheets if necessary.**

Describe the end use of the building:

Residential single family Home

How did SIP construction help you get this job?

Customer wanted SIP construction. Communication with customer + web site

SIP wall thickness and core material: Thickness = 6 3/8" Core = 5 1/2" EPS

SIP roof thickness and core material: Thickness = 10 3/8" Core = 9 1/2" E.P.S.

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

Accurate Prints, columns, Panels + knowledge results in a sound energy efficient buildings. Due to the complexity of this home + learning curve of the construction crew the time, labor + construction cost would be similar to a conventional "Stick" Home. Overall structural strength + efficiency of the Home is what exceeds traditional Homes.

Describe any innovative design elements or structural engineering involved:

House was built with an "Open" concept. Structural beams were needed/ designed to support the Roof SIPs). Many of these support beams are exposed giving the home a "warm lodge" type Atmosphere also making it possible to construct a loft to overlook the great room. A walk out balcony (from kitchen) Allowed for Cathedral ceiling.

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Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, WELL, Passive House, Green Globes or local green building programs. Only list certifications that are completed:

N/A

HERS Index (required only for High Performance Category and recommended for residential projects):

N/A

Blower door test results (ACH50) (required only for High Performance Category and recommended for residential projects):

N/A

Energy use intensity in kBtu/ft<sup>2</sup> (required only for High Performance Category and recommended for commercial projects):

N/A

Describe the HVAC system used on the project: PER an HVAC Load Calculation a Zoned system was installed

- Carrier Model # 25VNA060 GREEN Speed 5 ton heat pump w/ full variable speed compressor
- Carrier model # FE4ANB006 Variable speed 5 ton DC com. air handler
- Carrier model # KFC EH3401F24 back up heat package
- Carrier model # SYSTXC4Z01 four zone infinity series control module
- Carrier model # HRVCRSUB 110 CFM HRV for ventilation of conditioned space

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the U or R-value of any insulation materials. (judged only for High Performance Category)

Pella Windows/Doors: Windows  $\Rightarrow$  U Factor = 0.30, SHGS = 0.30, VLT = 0.57  
Doors  $\Rightarrow$  U Factor = 0.14, SHGS = 0.01, VLT = 0.00

Specialty Precast Company  $\Rightarrow$  Basement walls  $\Rightarrow$  Panels are insulated with 8.5" of R-30 Energy Star Insulation

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar (judged only for High Performance Category):

- ① Hot Water Tank  $\Rightarrow$  Rheem Marathon Model # MHD75245 Eff = 98%
- ② Lithonia Lighting  $\Rightarrow$  6" LED switchable, white color temp fixtures used throughout house
- ③ Kitchen Aid Refrigerator # KRFC302ESS ④ Kitchen Aid 30" electric, convection stove # KSEB900ESS ⑤ Kitchen Aid Dishwasher # KDTF334GPS ⑥ Asko clothes washer # W4114CW
- ⑦ Asko clothes dryer # T208VW

Were any solar panels installed on the project? If so, indicate the size of the system (judged only for High Performance Category):

N/A



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Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc. (judged only for High Performance Category):

Any additional comments on the project: House also Includes:

- ① Retrofitted for a Kohler back up generator model 20RCA
- ② Garage Doors → 9'x8' model 5602 Shoreline insulated steel garage doors with Residential Jackshaft opener Wifi enabled
- ③ Kitchen was custom design by "The Kitchen Village Inc" along with the bathrooms laundry room + Master Bedroom closet
- ④ Fire Place Mantel was from a log cabin in West Virginia
- ⑤ Railing on Porch and loft area was supplied by ViewRail
- ⑥ Spiral stair case was supplied by Paragon Stairs

### CHECKLIST

- ☒ My company is a SIPA member. Panels for this project were manufactured by a SIPA member.
- ☒ I have answered ALL the questions completely
- ☒ I have enclosed the two required electronic images of the completed project meeting the requirements stated in the SIPA Building Excellence Awards guidelines

**PLEASE CONFIRM:** I have read and understand the rules for this competition. This entry is structural insulated panel construction as defined in the SIPA Building Excellence Awards guidelines. I understand by making this submission that my pictures will be used by the Structural Insulated Panel Association (SIPA) to promote the use of structural insulated panels. I hereby give permission to SIPA to use the enclosed pictures for any use they see fit in that endeavor. I understand that where possible, SIPA will give credit for pictures used to my company as listed above.

Signature: Gay J. Uzynski

Date: 1-6-2021

Entries that do not contain all required materials or are received after **January 23, 2021** will not be considered

Complete application and submit electronically to [info@sips.org](mailto:info@sips.org)

Or send hard copy applications to SIPA office: P.O. Box 39848, Ft. Lauderdale, FL 33339



**Structural Insulated  
Panel Association**