

# 2019 SIPA Building Excellence Awards



## Official Entry Form

APPLICATION DEADLINE: **January 11, 2019**

The Structural Insulated Panel Association (SIPA) is hosting the seventeenth 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.



**Structural Insulated  
Panel Association**

**SelectSIPs  
EXPO**  **2019**  
*A Better Way to Build*

**MARCH 4 – 6 / PHOENIX, ARIZONA**

*Winning entries will be showcased at the 2019 SIPA Annual Meeting and SelectSIPs EXPO.*



**Homes and commercial buildings completed between January 1, 2018 and December 31, 2018 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, 2018 and December 31, 2018

### ***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 2019 SIPA SelectSIPs EXPO (Annual Meeting) in Phoenix, Arizona, March 4-6, 2019.
- 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 11, 2019. 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)



## PARTICIPANT INFORMATION

Company Name: Enercept

Contact Name: Charlie Ewalt, Roberta Bartel, Jon Golz

Address: 3100 9th Ave SE

City: Watertown State: SD Zip: 57201

Phone: 605-882-2222

Email: enercept@enercept.com Website: 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 type="checkbox"/> Single Family Homes over 3,000 sq. ft.        | <input checked="" 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: Seaport Pier

Address: 22nd St & Boardwalk

City: Wildwood State: NJ Zip: 08260

Date completed: June 2018

Total cost of project (exclusive of land): not available

Dimensions of building (all floors of multi-story building):  
89' x 200'

Asking price/purchase price (Affordable Housing only):  
n/a

Total sq. ft. of conditioned space:  
17,828 sq. ft. main level; 5,948 sq. ft. secnd level (23,776 sq. ft.)

## BUILT BY (if different than applicant)

Company Name: JB Richards Construction

Contact Name: Joe Byrne, Lee Rossner Phone: 609-868-0090

Address: 9310 Keystone St

City: Philadelphia State: PA Zip: 19114

## PANELS MANUFACTURED BY (SIPA members only)

Company Name: Enercept

**Continued**



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

Company Name: Lighthouse Architecture LLC  
Contact Name: Peter J Porretta, AIA Phone: 215-732-6883  
Address: 200 S Broad St; Ste 920  
City: Philadelphia State: PA Zip: 19102-3850

**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:

Seaport Pier is a year-round multi-purpose venue for regional and tourist guest of North Wildwood, NJ. There are two beach bars, one cafe, a swim club and a police office that call Seaport Port Pier home.

How did SIP construction help you get this job?

Although SIPs were not selected in the original planning of Seaport Pier, they were added in the design phase for several reasons which include the ability to span 15' without additional framing, the ability to use the existing wood frame pier without modification and the alignment with the building timeline.

SIP wall thickness and core material: non-SIP wall 13,000 sq. ft.

SIP roof thickness and core material: 10" SIP roof with EPS solid core insulation 16,512 sq. ft.

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

Using SIPs enable them to expose the roof trusses, to increase truss spacing and mimick heavier timber construction.

They were also able to build more quickly and easily meet the 2015 energy code requirements.

Describe any innovative design elements or structural engineering involved:

Seaport Pier was designed to align the truss system with the wood-frame pier pile spacing. Dormered windows were included in the roof design to maximize natural light from the outdoors.

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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

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

n/a

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

n/a

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

n/a

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Describe the HVAC system used on the project:

Seaport Pier is heated with a rooftop natural gas, forced air system.

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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)

n/a

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

The main area of the Pier opens up for natural air movement which allows the cool ocean breezes to keep the interior comfortable limiting the use of mechanical air conditioning.

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

No

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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):*

They were able to restore and reuse the original pier boardwalk decking and supports.

The roof is finished with a cool, reflective, blue metal roofing material that enhances the aesthetics of the Pier and Ocean scene.

Any additional comments on the project:

This construction project brought new life to the once-foreclosed and vacant Seaport Pier.

At fourteen and a half feet above sea level, the building plans adhere to the most stringent codes for beachfront development. All elevation, wind, and flood plain guidelines have been met according to both local and state code requirements.

Builder, Lee Rossner said, "This was our first project with Enercept [SIPs] and the experience was great. Enercept provided detailed support and the product was erected quickly and safely in a challenging environment at the Jersey Shore..."

### 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: \_\_\_\_\_

Date: 1/17/2019

Entries that do not contain all required materials or are received after **January 11, 2019** 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**

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