

2016 SIPA Building Excellence Awards



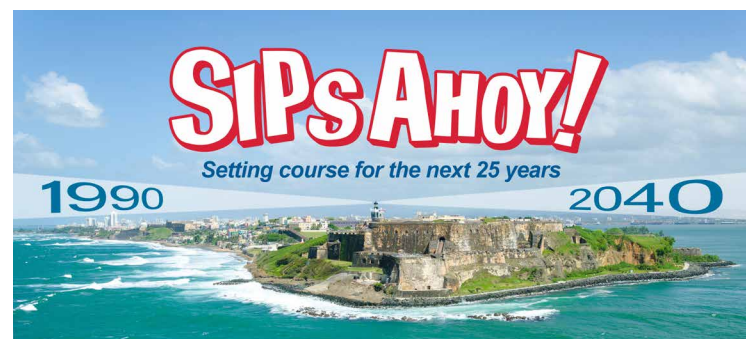
Official Entry Form

APPLICATION DEADLINE: March 4, 2016

The Structural Insulated Panel Association (SIPA) is hosting the fourteenth 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**



Winning entries will be showcased at the 2016 SIPA Annual Meeting in Puerto Rico, April 4 - 6, 2016



Homes and commercial buildings completed between January 1, 2015 and December 31, 2015 are eligible.

Award Categories:

- 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, 2015 and December 31, 2015

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 2016 SIPA Annual Meeting & Conference in San Juan, Puerto Rico
- 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
- 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 March 4, 2016. 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 must have a HERS Index calculated by a RESNET certified home energy rater. Commercial projects must present 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:

- Energy efficiency (quantified by HERS Index and other data)
- Design and structural engineering innovation
- Creative use of SIP construction
- Environmental sustainability



PARTICIPANT INFORMATION

Company Name: Enercept, Inc.

Contact Name: Charlie Ewalt, Roberta Bartel or Neal Mack

Address: 3100 9th Ave. SE

City: Watertown State: SD Zip: 57201

Phone: 605-882-2222

Email: enercept@enercept.com Website: www.enercept.com

CATEGORY ENTRY (check one category)

- | | |
|--|---|
| <input type="checkbox"/> Single Family Homes (over 3,000 sq. ft.) | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings under 10,000 sq. ft. |
| <input type="checkbox"/> Single Family Homes (under 3,000 sq. ft.) | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings over 10,000 sq. ft. |
| <input type="checkbox"/> Multifamily | <input type="checkbox"/> Renovations |
| <input checked="" type="checkbox"/> Agricultural | <input type="checkbox"/> Affordable Housing |

PROJECT INFORMATION

Project Name: Scott Barn

Address: Specific address withheld at customer request

City: Durango State: CO Zip: 81301

Date completed: October 2015

Total cost of project (exclusive of land): \$600,000

Dimensions of building (all floors of multi-story building): 44 x 60

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

Total sq. ft. of conditioned space: 3,840

BUILT BY (if different than applicant)

Company Name: Galbraith Builders

Contact Name: Mark Galbraith Phone: 970-247-4481

Address: 47 Mason Cabin Road

City: Durango State: CO Zip: 81301

PANELS MANUFACTURED BY (members only)

Company Name: Enercept, Inc.

Continued

SIPA Building Excellence Application (Page 2 of 4)



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

Company Name: Galbraith Builders

Contact Name: Mark Galbraith

Phone: 970-247-4481

Address: 47 Mason Cabin Road

City: Durango

State: CO

Zip: 81301

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: Horse Barn with equipment storage area

How did SIP construction help you get this job?

Speed of construction and long term energy savings.

Owners were looking for a traditional design; using SIPs provided an efficient way to achieve the look they wanted.

SIP wall thickness and core material: 4" walls with EPS core

SIP roof thickness and core material: 8" roof with EPS core

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

Building with SIPs saved a great deal of labor expense, as labor is extremely high in the Durango area.

Project was completed in less than six months. Using SIPs will make it easy for the owners to effectively control the environment for their horses.

Describe any innovative design elements or structural engineering involved:

The horse barn was designed to achieve an old world timberframe appearance. Oak timbers from Amish Country in Ohio were used for the framing. The style of the barn dates back to the early 1900s. It was designed this way at the owners' request.

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

n/a

HERS Index (residential projects): n/a

Blower door test results (ACH50) (residential projects): n/a

Energy use intensity in kBtu/ft² (commercial projects): n/a

Describe the HVAC system used on the project:

The barn is heated with a Hydronic in-floor heating system

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the R-value of any insulation materials.

High altitude glass with UV protection was used for all the windows. The U-values were not available to us.

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar:

Passive solar design was used in the placement of the structure and window locations.

Were any solar panels installed on the project? If so, indicate the size of the system:

Solar panels were not installed in this project. The owners are in the process of designing a new home. They are strongly considering the use of solar panels in their new home.

Continued



Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc.:

n/a

Any additional comments on the project:

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
- ☐ I have indicated the HERS Index as determined by a RESNET certified home energy rater (residential projects)

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: 2/26/16

Entries that do not contain all required materials or are received after **March 4, 2016** will not be considered

Complete application and submit electronically to maryjane@sips.org

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



**Structural Insulated
Panel Association**