

2015 SIPA Building Excellence Awards



Official Entry Form

APPLICATION DEADLINE: *March 13, 2015*

The Structural Insulated Panel Association (SIPA) is hosting the thirteenth 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 2015 SIPA Annual Meeting in Tucson, March 30 - April 1, 2015



Homes and commercial buildings completed between January 1, 2014 and December 31, 2014 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, 2014 and December 31, 2014

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 2015 SIPA Annual Meeting & Conference in Tucson, Arizona
- 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 13, 2015. 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



SIPA Building Excellence Application (Page 1 of 4)

PARTICIPANT INFORMATION

Company Name: Premier SIPS by Insulfoam

Contact Name: Becky Susan

Address: 19727 57th Ave. E.

City: Puyallup

State: WA

Zip: 98375

Phone: 800.275.7086

Email: becky.susan@insulfoam.com

Website: www.premiersips.com

CATEGORY ENTRY (check one category)

☐ 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

☐ Affordable Housing

PROJECT INFORMATION

Project Name: Woodinville Whiskey Distillery and Tasting Room

Address: 14509 Woodinville Redmond Rd. NE

City: Woodinville

State: WA

Zip: 98072

Date completed: November 2014

Total cost of project (exclusive of land):

Dimensions of building (all floors of multi-story building):

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 6,400 square feet

BUILT BY (if different than applicant)

Company Name: MRJ Constructors

Contact Name:

Phone: 206-621-7437

Address: 1400 Airport Way South

City: Seattle

State: WA

Zip: 98134

PANELS MANUFACTURED BY (members only)

Company Name: Premier SIPS by Insulfoam

Continued

SIPA Building Excellence Application (Page 2 of 4)

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

Company Name: Graham Baba Architects

Contact Name:

Phone: 206-323-9932

Address: 1507 Belmont Avenue, Suite 200

City: Seattle

State: WA

Zip:

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: Warehouse and tasting room, which is the new home for Woodinville
Whiskey Company, a whiskey distillery. New building enabled distillery to
quadruple production capacity

How did SIP construction help you get this job?

- Versatility in design allowed for large roof expanses, with cathedral ceiling, yet not drafty inside
- Natural interior aesthetics without requiring finishing products
- Consistent internal temperature with SIPS helps with product regulation and quality control
- SIPS unquestionably qualify for Washington State's energy code requirements without excessive product materials or labor requirements.

SIP wall thickness and core material:

SIP roof thickness and core material: 10 1/4" roof panels only (8,424 sq ft of panels)

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy? SIPS were used
to provide a natural finish to the ceiling, yet continuous insulation and strong roof decking for the
gabled roof. The SIPs ceiling was left exposed for the natural/barn look.

Describe any innovative design elements or structural engineering involved:

- Gabled style roof
- The warehouse is a wood framed building with massive trusses made of reclaimed beams. These trusses were fabricated and assembled off site, disassembled for transport, then reassembled on site before being lifted into place. SIPS panels were used as the roof decking. A secondary lamination of plywood to the bottom skin of the panels were used to enable an interior ceiling that didn't require any additional finishing products. It was later stained for the finished ceiling.

SIPA Building Excellence Application (Page 3 of 4)

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:

None pursued

HERS Index (residential projects): Not available.

Blower door test results (ACH50) (residential projects): Not available

Energy use intensity in kBtu/ft² (commercial projects): New building, not yet available.

Describe the HVAC system used on the project:

Standard HVAC per Washington State Building codes. Extra ventilation systems for indoor air consistency installed.

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.

None provided. Not able to connect with Architect/Contractor.

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

None provided. Not able to connect with Architect/Contractor.

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

Not available.

Continued

SIPA Building Excellence Application (Page 4 of 4)

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

The interior of the space used reclaimed wood trusses and redwood siding, concrete, and plywood in simple, straightforward ways, reinforcing the function of the building while creating an appealing space to sample the distillery's product. Centrally located in the warehouse is a structural steel framed mezzanine with a floor deck made of reclaimed wood beams and reclaimed car decking

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: Becky Susan

Date: 3-11-2015

Entries that do not contain all required materials or are received after **March 13, 2015** will not be considered

Complete application and submit electronically to maryjane@sips.org

Or send hard copy applications to SIPA office:
1201 Pacific Ave, Suite 600, Tacoma, WA 98402



Structural Insulated
Panel Association

Building Excellence Award sponsor











WOODINVILLE
WHISKEY CO.

