

2023 SIPA Building Excellence Awards



Official Entry Form

APPLICATION DEADLINE: *January 18, 2023*

The Structural Insulated Panel Association (SIPA) is hosting the twentieth 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 2023**
A Better Way to Build

March 6th, 7th and 8th / PHOENIX, AZ

Winning entries will be showcased at the 2023 SIPA Annual Meeting and SelectSIPs EXPO.



Homes and commercial buildings completed between January 1, 2022 and December 31, 2022 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 50% 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, 2022 and December 31, 2022

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 2023 SIPA SelectSIPs EXPO (Annual Meeting) March 6th - 8th 2023, Phoenix, 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 (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 18, 2023. All entries must be received at the SIPA office on or before that date.

The following information and documentation are 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 Inc.

Contact Name: Roberta Bartel or Larry McCoy

Address: 3100 9th Ave SE

City: Watertown State: SD Zip: 57201

Phone: 605-882-2222

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

CATEGORY ENTRY (check one category)

- | | |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Single Family 'Small House' under 900 sq. ft. | <input checked="" type="checkbox"/> Commercial/Industrial/Institutional Buildings under 10,000 sq. ft. |
| <input 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: Kim's C-Store

Address: 1580 South Dickinson Dr

City: Rusk State: TX Zip: 75785

Date completed: April, 2022

Total cost of project (exclusive of land): \$2.7m

Dimensions of building (all floors of multi-story building):
91'x62'

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

Total sq. ft. of conditioned space:
4,900

BUILT BY (if different than applicant)

Company Name: Jacobe Brothers Construction

Contact Name: Derek Watson Phone: 903-592-5091

Address: 700 SSE Loop 323

City: Tyler State: TX Zip: 75702

PANELS MANUFACTURED BY (SIPA members only)

Company Name: Enercept

Continued

SIPA Building Excellence Application (Page 2 of 4)



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

Company Name: Fitzpatrick Arcitects
Contact Name: Corey Guidry Phone: 903-592-0728
Address: 5201 S Broadway Ave
City: Tyler State: TX Zip: 75703

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:

Kim's C-Store is a convenience store with coffee shop, groceries, meals-to-go with drivethru, and gas station.

How did SIP construction help you get this job?

The owner is a repeat customer. They were looking for more economical ways to build their convenience stores. SIPs provide faster installation so they can expand their chain of stores more quickly.

SIP wall thickness and core material: 5 5/8" EPS Core

SIP roof thickness and core material: 9 5/8" EPS Core

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

The owner is pleased with the overall reduction in energy usage as compared to similar stores built with different structural and insulation systems.

Describe any innovative design elements or structural engineering involved:

The store's exterior design includes three parapets, a unique part of all their stores.

Continued

SIPA Building Excellence Application (Page 3 of 4)



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/ft² (required only for High Performance Category and recommended for commercial projects):

n/a

Describe the HVAC system used on the project:

Lennox HVAC system: (1) 6-ton High Efficiency Package Unit (12 SEER) and (2) 5-ton High Efficiency Package Units (17.3 SEER) with stage motors (reduces energy usage) and economizers (reduces run time).

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)

An air Curtain is utilized at the kitchen entry to minimize air loss to the building during deliveries and service.
Low e-glass: Solarban 70 high performing MSVD - .26 summer value; .28 winter value
Canopies installed to shade windows from hot Texas sun.

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

Navien #NPE-240A2 tankless water heater
Infinity 090 high efficiency cooler glass doors
LED lighting
100% Energy Star compliant appliances

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

no

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. *(judged only for High Performance Category)*:

Low VOC finishes utilized wherever possible. Landscaping around building has low watering requirements.

Any additional comments on the project:

The owner was pleased with the process of SIP construction. He is pleased with the insulation values provided in the SIP system and the contribution this system made to the reduction in the overall construction schedule.

Established in 1985, Kim's Convenience Store has grown from a single location in Palestine, TX, to a chain of 20+ stores throughout Texas.

The Rusk store was the second Kim's C-store built with Enercept SIPs.

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: 01-25-2023

Entries that do not contain all required materials or are received after **January 18, 2023** will not be considered Complete application and submit electronically to info@sips.org

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



**Structural Insulated
Panel Association**