



#4

Homes under 900 sq. ft./Renovations/  
Multifamily/Agriculture/Affordable Housing

# Homes under 900 sq. ft.

## [Cheney Creek SIP Micro Homes Steamboat Springs CO](#)

### SIP wall thickness:

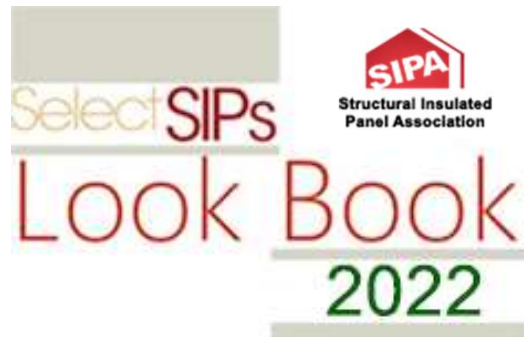
8" - Neopor EPS

### SIP roof thickness:

12" - Neopor EPS

### Other:

Used less labor and pulled the project together faster than with standard construction methods.



### **Big Sky R-Control**

**Cheney Creek Micro Homes  
Milner, CO**



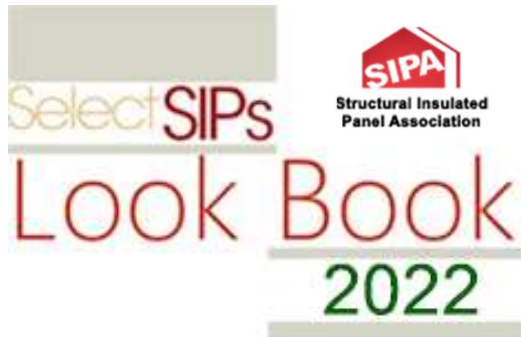
# Homes under 900 sq. ft.

## Craftsman SIP Passive Cottage Port Townsend WA

SIP floor thickness:  
12" - Neopor EPS

SIP wall thickness:  
6" - Neopor EPS

SIP roof thickness:  
10" - Neopor EPS



**Premier Building Systems**  
DiNuovo-Linkkila Residence  
Port Townsend, WA



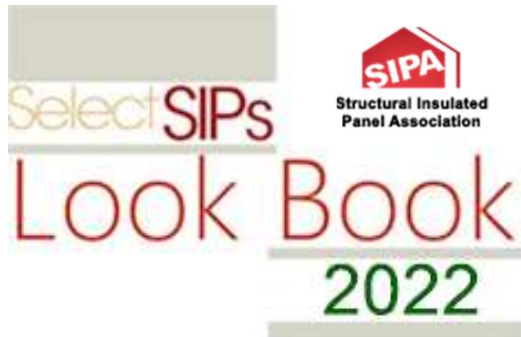
# Homes under 900 sq. ft.

## Three Rivers SIP Tiny Home Solar ADU Three Rivers CA

**SIP wall thickness:**  
6 1/2" - Neopor EPS

**SIP roof thickness:**  
10 1/4" - Neopor EPS

**Other:**  
Solar panels, 4.08 kW Tesla  
Solar Panel System including  
a Powerwall 2 battery with a  
13.5 kWh capacity



**Premier Building Systems**

Lewis ADU  
Three Rivers, CA



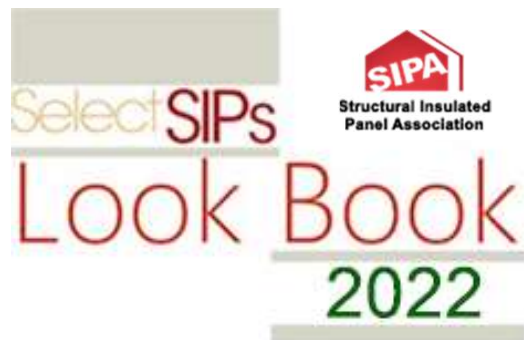
# Homes under 900 sq. ft.

## Solar Panel Off-Grid SIP Hunting Cabin Dunn's Valley Ontario Canada

**SIP wall thickness:**  
4 5/8" - Neopor EPS

**SIP roof thickness:**  
8 1/4" - Neopor EPS

**Other:**  
This project is designed to be completely off-grid. SIP construction offered an energy efficient and tight building envelope that maximizes the solar power generated by roof panels as well as the heat generated by the wood stove.



**ACME Panel Company**  
Martin Hunting Camp Cabin  
Dunn's Valley, Ontario, Canada

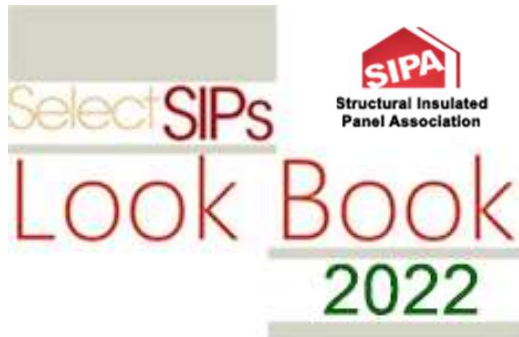


# Renovations

## Cold Climate SIP Restaurant Alaskan Renovation Big Lake AK

**SIP wall thickness:**  
6" - Neopor EPS

**Other:**  
In Big Lake, Alaska cold Winters require energy-efficient, strong, quiet and less drafty buildings. SIPs are superior at keeping the cold out and the heat in. The envelope went up fast saving on labor and construction cost.



**Premier Building Systems**  
Floater's Brister Pub & Restaurant  
Big Lake, AK

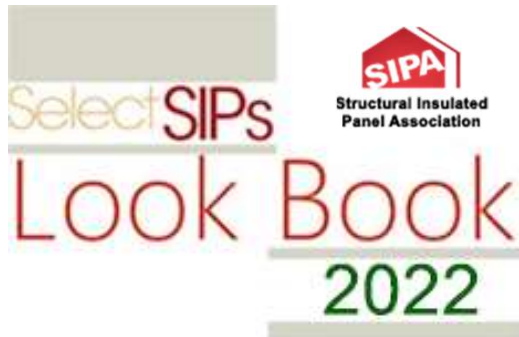


# Renovations

## ENERGY STAR SIP Getaway Cabin Grand Marais MN

**SIP roof thickness:**  
8" - Neopor EPS

**Other:**  
With SIPs the contractor was able to overlay the existing a-frame structure and retain the historic wood interior from the original build



**Energy Panel Structures &  
Taiga Design+Build**  
The Minnestuga  
Grand Marais, MN



# Multifamily

## SIP Como 4 Story Apartments Minneapolis MN

### SIP wall thickness:

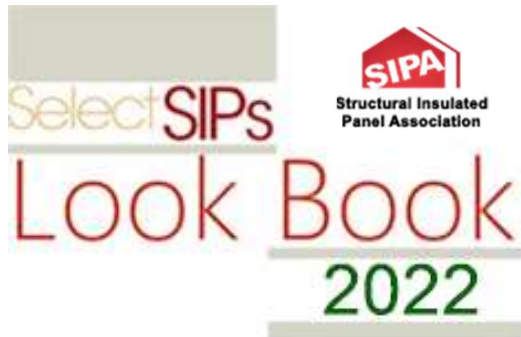
6" - Neopor EPS

### Blower door test results:

2.25 ACH50

### Other:

With the use of SIPs sound and temperature are superbly controlled. None of the residence have mentioned noise from the trains (tracks are only 50 feet away and trains pass several times every day).



**Energy Panel Structures**  
**Como Apartments**  
**Minneapolis, MN**





# Multifamily

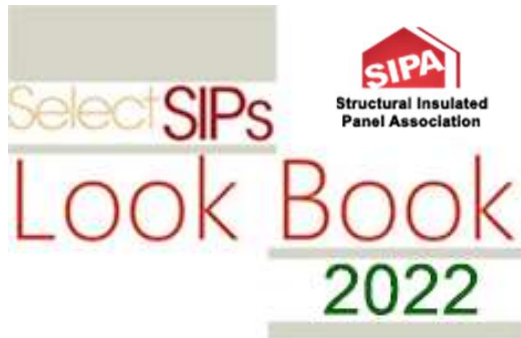
## Fire Resistant SIP Duplexes Sonora CA

**SIP wall thickness:**  
5 1/2" – Neopor EPS

**SIP roof thickness:**  
6" – Neopor EPS

**Other:**

This project was designed to the US DOE Zero-Energy-Ready standard, which includes EPA Indoor Air Plus. Hardi-Siding, and Hardi-Soffit, tempered glass in the windows and the steel roofing provides a fireproof exterior shell.



**Premier Building Systems**  
Coopers Hawk Terrace Phase III  
Sonora, CA

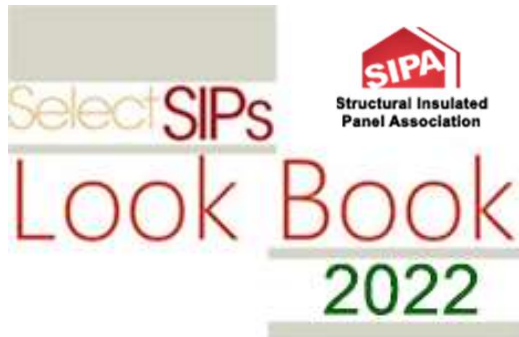


# Multifamily

## Affordable SIP Apartments Grand Junction CO

**SIP wall thickness:**  
6 1/2" - Neopor EPS

**Other:**  
Designed to meet Green Community Standards. Using SIPs for the walls shaved at least two months off the construction timeline. The entire three-story package was delivered and installed in 14 business days. The construction costs, as well as the energy savings, were massive.



**Big Sky R-Control**  
**Patterson Apartments**  
**Grand Junction, CO**



# Multifamily

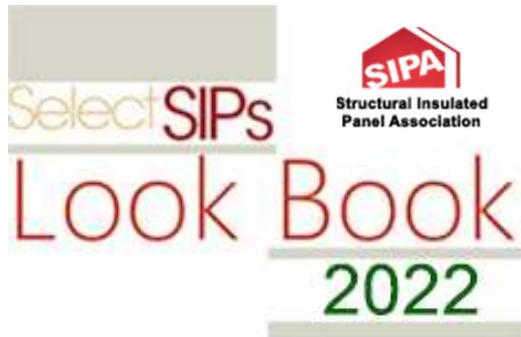
## Prices Fork Village SIP Apartments Blacksburg VA

**SIP wall thickness:**  
6 1/2" - Neopor EPS

**SIP roof thickness:**  
10 1/2" - Neopor EPS

**HERS index:**  
Range from 44-50

**Blower door test results:**  
Range of 1.59-2.53 ACH50



**ACME Panel Company**  
Prices Fork Village Apartments Phase III  
Blacksburg, VA



# Multifamily

## Watertown SIP Twin Habitat Homes Watertown SD

### SIP wall thickness:

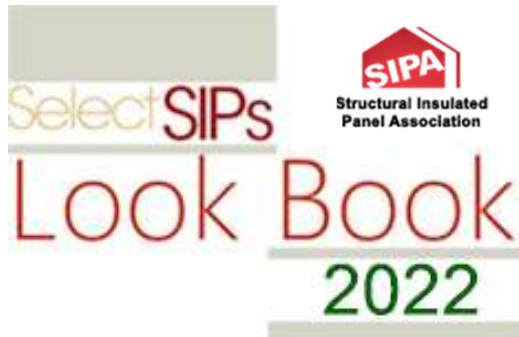
6" - Neopor EPS

### Other:

The Habitat for Humanity site supervisor along with a hand-full of volunteers were able to set the first-floor panels in three days.

A professional team set the second-floor panels in a single day.

Lake Area Vocational College assisted and the project became a course of study for a group of Building Trades students.



### Enercept SIPs

**Watertown Habitat for Humanity Twin Home  
Watertown, SD**



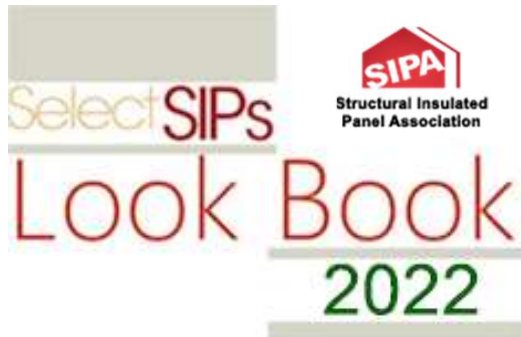
# Agricultural

## Hidewood Meats SIP Market Brandt SD

**SIP wall thickness:**  
6" - Neopor EPS

**SIP roof thickness:**  
10" - Neopor EPS

**Other:**  
SIPs were used for all exterior walls plus interior walls and ceiling. SIPs were used for their insulating value - especially for the coolers and freezers which make up the bulk of the building's square footage.



**Enercept SIPs**  
**Hidewood Meats**  
**Brandt, SD**



# Affordable Housing

## Affordable SIP Mountain Zero Energy Community

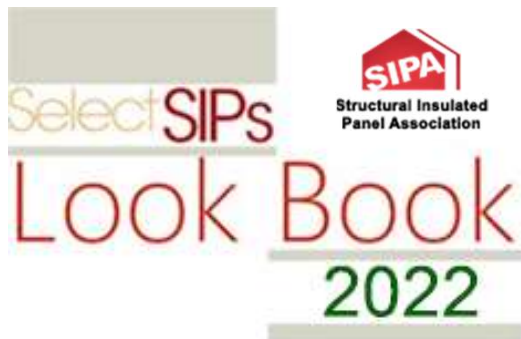
**SIP wall thickness:**  
6 1/2" - Neopor EPS

**Blower door test results:**  
2.5-2.9 ACH50

**Energy use intensity:**  
27.37 kBtu/ft<sup>2</sup> annually.

**Solar panels:**  
11 kW per home.

This project sited as an example for the state and nation for net zero building in an affordable way.



### **Big Sky R-Control**

**Basalt Vista**

**Habitat For Humanity Roaring Fork Valley**

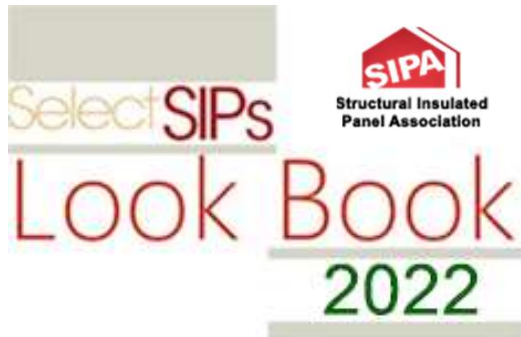
**Basalt, CO**



# Affordable Housing

## Affordable SIP Habitat House Parkersburg WV

SIP wall thickness:  
6 1/2" - Neopor EPS



**Habitat for Humanity - Mid-Ohio Valley**  
Parkersburg, WV



# Affordable Housing

## Zero Energy Salish SIP Homes Lopez Island WA

**SIP wall thickness:**

4" - Neopor EPS

**SIP roof thickness:**

8" - Neopor EPS

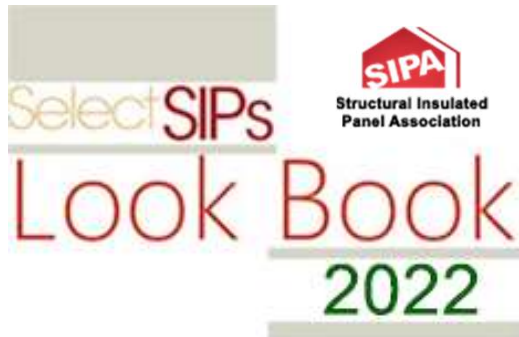
**Blower door test results:**

1.4 ACH50

**Other:**

750 points on Built Green  
2021 certification.

Designed as net zero energy,  
use of high quality materials  
for long lasting and  
sustainable maintenance.



**Premier Building Systems**

Salish Way

Lopez Island, WA

