

#2

Single Family Homes under 3,000 sq. ft.

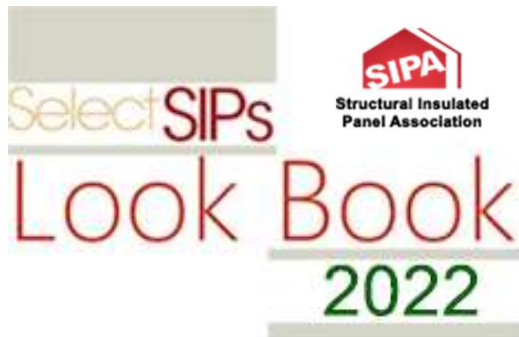
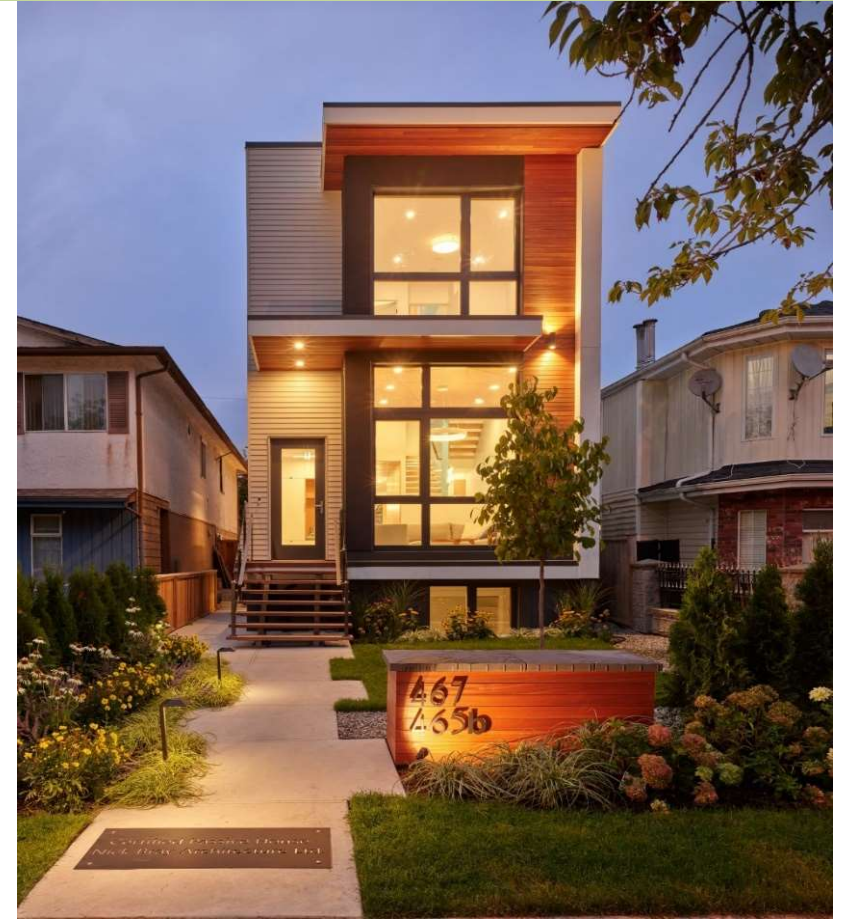
Single Family Homes under 3,000 sq. ft.

British Columbia SIP Passive House Vancouver BC

SIP wall thickness:
6" and 8" – Neopor EPS

Blower door test results:
0.40 ACH50

Other:
Passive House Design,
Passive House Canada
Certification



Premier Building Systems
18th Street Passive House
Vancouver, BC Canada



Single Family Homes under 3,000 sq. ft.

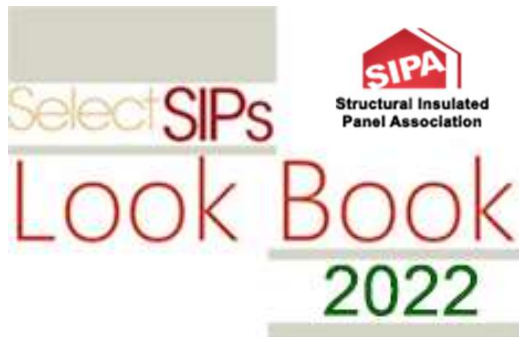
Low Maintenance SIP House Toano VA

SIP wall thickness:

6 1/2" – Neopor EPS

SIP roof thickness:

10 1/4" – Neopor EPS



ACME Panel Company
Beckerdite-Scholley Residence
Toano, VA



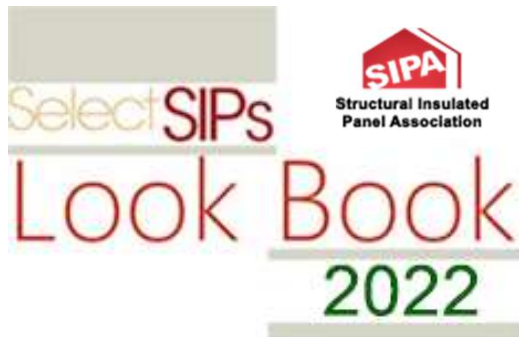
Single Family Homes under 3,000 sq. ft.

Energy Efficient SIP House Sequim WA

SIP roof thickness:

10" – Neopor EPS

SIP roof is built over ICF walls (Insulating Concrete Forms)



Premier Building Systems

Brooke Residence

Sequim, WA



Single Family Homes under 3,000 sq. ft.

High Performance SIP House Grant MN

SIP wall thickness:

8 1/4" – Neopor EPS

SIP roof thickness:

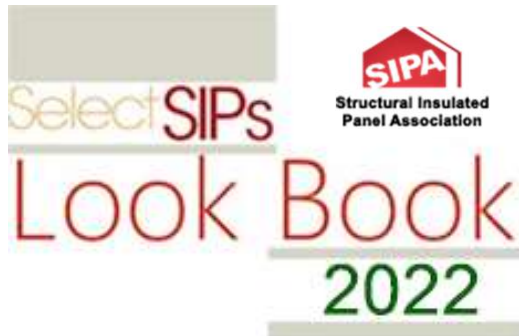
12 1/4" – Neopor EPS

Blower door test results: ,

0.35 ACH50

Other:

Basement walls have continuous 3" rigid insulation. SIP envelope was installed in one week.



Extreme Panel Technologies &

Panelworks Plus

Butterfly on the Prairie
Grant, MN



Single Family Homes under 3,000 sq. ft.

EcoRidge SIP Solar House Stillwater MN

SIP wall thickness:

6" – Neopor EPS

HERS Index: 19

PV included

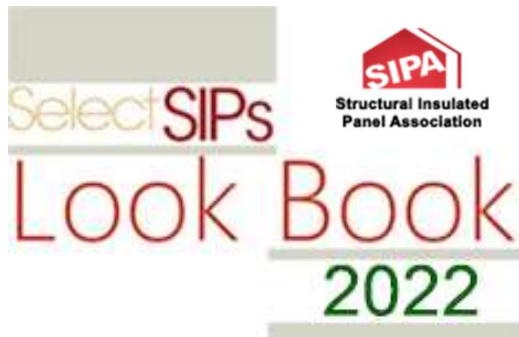
Blower door test results: ,

1.66 ACH50

Other:

Solar panel installed

14 Jinko 375W modules



Energy Panel Structures

EcoRidge

Stillwater, MN



Single Family Homes under 3,000 sq. ft.

Solar Panel SIP House Burnaby BC Canada

SIP wall thickness:

6" – Neopor EPS

SIP roof thickness:

10" – Neopor EPS

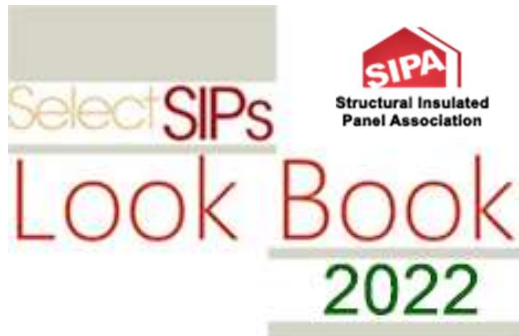
Blower door test results: ,

0.14 ACH50 at Framing/

0.4 ACH50 Final

Other:

Canadian Net Zero Ready
Step Code 5 British
Building, built over an ICF
foundation



Premier Building Systems

Georgia Street Residence

Burnaby, BC Canada



Single Family Homes under 3,000 sq. ft.

SIP Retirement House Pine AZ

SIP wall thickness:

6-3/8" – Neopor EPS

SIP roof thickness:

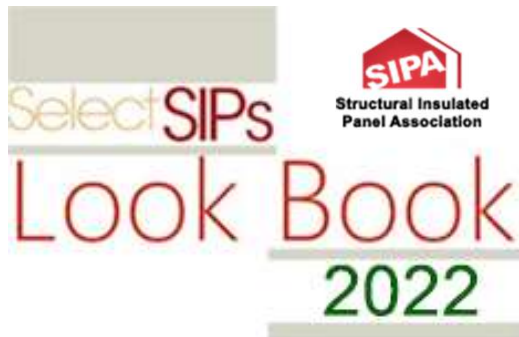
10-1/8" – Neopor EPS

SIP floor thickness:

8-1/8" – Neopor EPS

Other:

This was the first SIP project for Blue Moon Contracting but was able to complete the building envelope in less than 1 week.



Premier Building Systems

Lewin Residence

Pine, AZ



Single Family Homes under 3,000 sq. ft.

SIP Garage and ADU Redwood CA

SIP wall thickness:

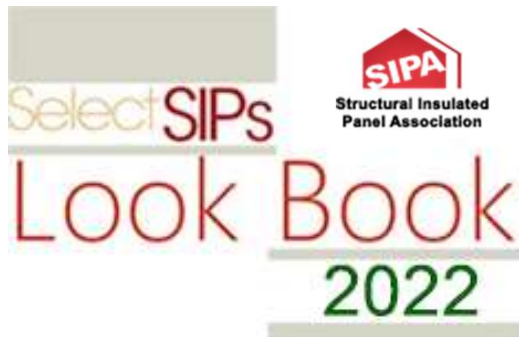
6" – Neopor EPS

SIP roof thickness:

10" – Neopor EPS

Other:

Solar panels installed



Premier Building Systems

Matthias Garage/DADU

Redwood, CA



Single Family Homes under 3,000 sq. ft.

Contemporary SIP House Rochester MN

SIP wall thickness:

6" – Neopor EPS

SIP roof thickness:

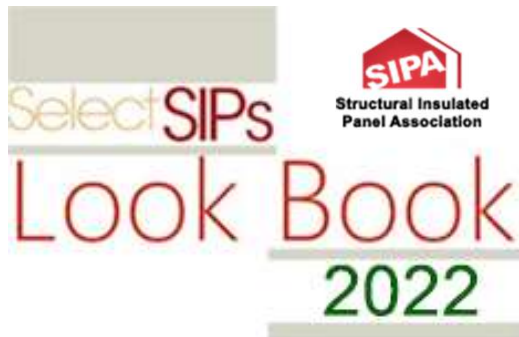
11" – Neopor EPS

Blower door test results:

1.43 ACH50

Other:

The basement and foundation are constructed with insulated concrete panels.



Energy Panel Structures
McCormack Residence
Rochester, MN



Single Family Homes under 3,000 sq. ft.

High Performance High Altitude SIP Mountain House Breckenridge CO

SIP wall thickness:

6 1/2" – Neopor EPS

SIP roof thickness:

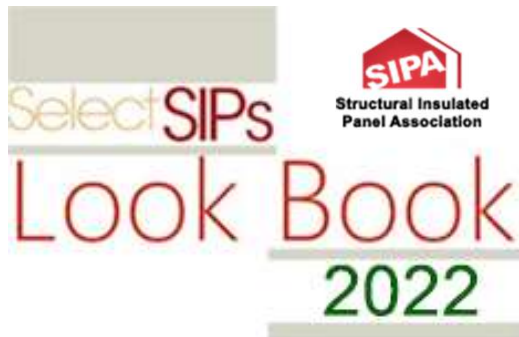
12 /14" – Neopor EPS

Blower door test results:

2.05 ACH50

Other:

This home is located at 11,450 ft elevation and is snow covered about half of the year, the roof is designed for a 100 lb/ft² snow load.



Big Sky R-Control
Mickelwait Residence
Breckenridge, CO



Single Family Homes under 3,000 sq. ft.

Solar Panel SIP Rambler Custer SD

SIP wall thickness:

6 1/2" – Neopor EPS

SIP roof thickness:

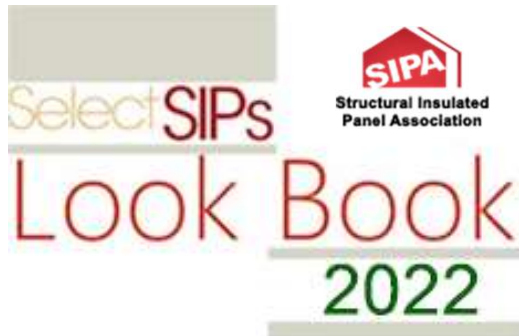
12 1/4" – Neopor EPS

Blower door test results:

0.30 ACH50

Solar panels:

10.24kWh solar system
was installed on the
standing seam roof



Extreme Panel Technologies

Perrenoud Residence

Custer, SD



Single Family Homes under 3,000 sq. ft.

Modern Design SIP House Hot Springs SD

SIP wall thickness:

6 1/2" – Neopor EPS

SIP roof thickness:

12 1/4" – Neopor EPS

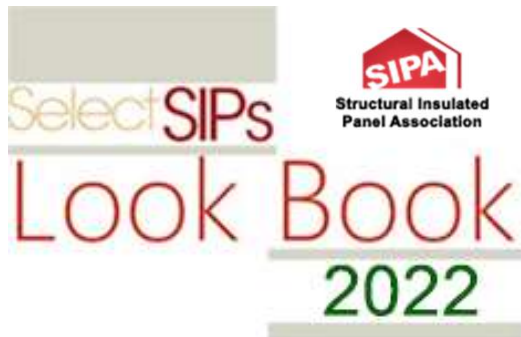
HERS Index: 63

Blower door test results:

0.28 ACH50

Other:

SIP foundation frost walls installed in 2 days, walls installed in 2 days, roof in 2 days. Total of 6 days for the envelope with only a crew of 4.



**Extreme Panel Technologies &
Erskin Construction**
Trenbeath Residence
Hot Springs, SD



Single Family Homes under 3,000 sq. ft.

Positive Energy SIP House and Barn Bellingham WA

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

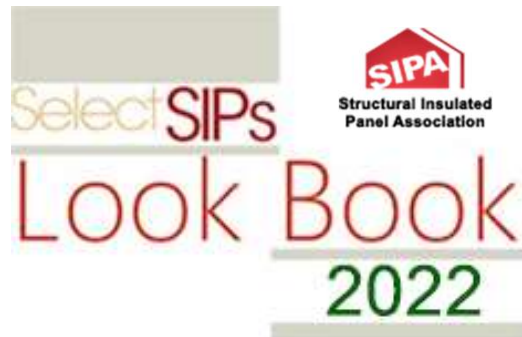
SIP roof thickness:
10 1/4" – Neopor EPS

HERS Index: -23 PV included

Blower door test results:
0.54 ACH50

Other:
5-STAR Built Green &
Department-of-Energy
certified Net Zero.

Solar panels: 33
NET-Positive 10.56 kW



Premier Building Systems
Van Hees-Hurtig Residence
Bellingham, WA



Single Family Homes under 3,000 sq. ft.

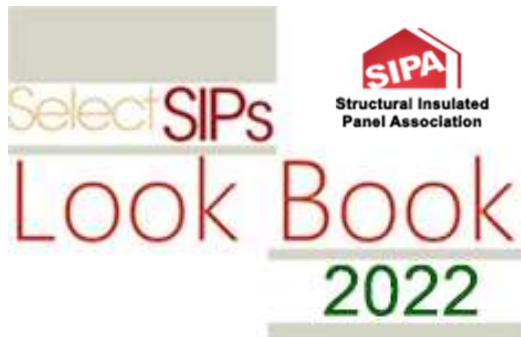
Resilient Zero Energy Ready SIP Family Home Grand Marais MN

SIP wall thickness:
6" and 8" – Neopor EPS

SIP roof thickness:
10" – Neopor EPS

HERS Index: 30

Blower door test results:
1.05 ACH50



Energy Panel Structures
Wahlstrand Residence
Grand Marais, MN

