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Single Family Homes under 3,000 sq. ft.

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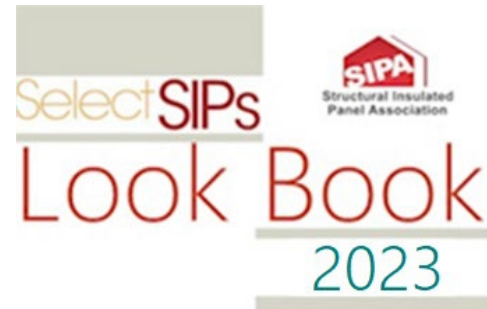
High Performance SIP Timber Frame House Weaverville NC

SIP wall thickness:
4-5/8" - PUR core – R27

SIP roof thickness:
6-5/8" - PUR core – R41

HERS:
61

Blower door test results:
2.98 ACH50



The Murus Company
Begis Residence
Weaverville, NC



Single Family Homes under 3,000 sq. ft.

SIP Ultimate Wind House Gretna LA

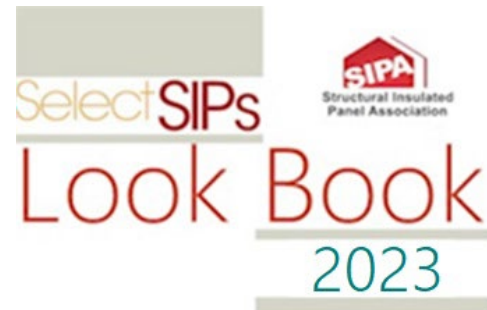
SIP wall thickness:
5 5/8" – EPS Core

SIP roof thickness:
7 3/8" – EPS Core

HVAC system:
Electric Air Source Heat
Pump 8.5 HSPF; Electric
Air Source Heat Pump 15
SEER.

U-Value: 0.33
SHGC: 0.23

Framed Floor: R-13



ENERCEPT
1822 Palfrey Residence
Gretna, LA



Single Family Homes under 3,000 sq. ft.

High Performance SIP Retreat Lutsen MN

SIP wall thickness:
6" – Neopor EPS

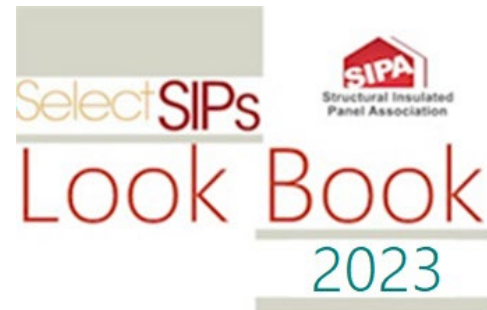
HERS Index: 10
PV included

Blower door test results: ,
1.5 ACH50

Solar PV 14 Jinko 375W
modules 9.6 kW

R40 slab insulation and
geothermal HP; triple
pane

Overlooks Lake Superior



**Energy Panel Structures &
Taiga Design+Build**
Bridgebrook 2.0
Lutsen, MN



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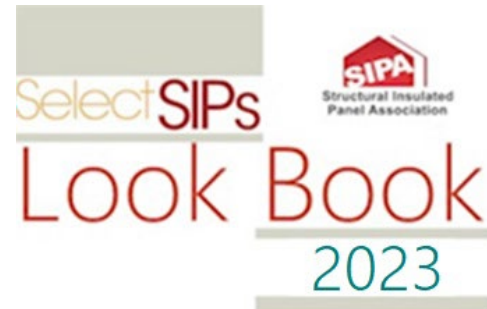
High Performance SIP Ultimate Wind House Gretna LA

SIP wall thickness:
5 5/8" – EPS Core

SIP roof thickness:
7 3/8" – EPS Core

HERS: 54
ACH50: 3.51
kBtu: 23.6

Energy-efficient:
.82 Energy Factor
Natural Gas
Tankless water heater
100% interior LED lighting
Energy Efficient Samsung
appliances



ENERCEPT
1820 Palfrey Residence
Gretna, LA



Single Family Homes under 3,000 sq. ft.

High Performance SIP Passive House Kansas City MO

SIP wall thickness:

EPS Foam (5 1/2") Full
Panel Thickness 6 1/2"

HERS: 33

Blower door test results:

0.36 ACH50

kBtu/ft² : 14.11 over
2.9Kft²

Certifications:

Phius CORE 2021 Passive
House Certified
Zero Energy Ready
EPA Indoor airPLUS
Energy Star Certified Home



Select SIPs



Look Book
2023

Energy Panels Structures

Beacon Hill
Kansas City, MO



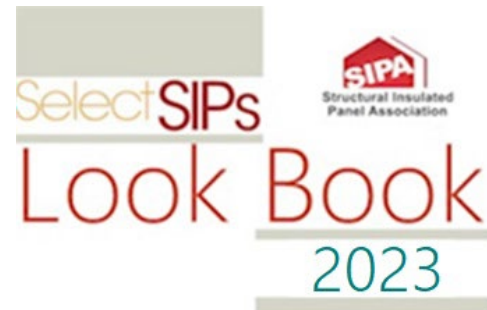
Single Family Homes under 3,000 sq. ft.

Zero Energy Hillside House Oak Harbor WA

SIP wall thickness:
6.5" GPS
SIP roof thickness:
10.25" GPS

HERS Index:
without PV 39
with PV -18

Blower door test (ACH50):
0.72



Premier Building Systems
Clifton View Homes
Massey Residence
Oak Harbor, WA



CLIFTON
VIEW
HOMES



Single Family Homes under 3,000 sq. ft.

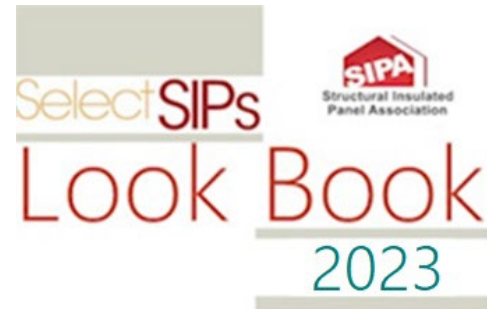
ENERGY STAR SIP House Berkeley CA

SIP wall thickness:
6' Neopor EPS

SIP roof and floor
thickness:
10" Neopor EPS

2.8 kft²

Lighter foundation & 65%
smaller HVAC w/SIPs



Premier Building Systems
Shell Building Systems
Moshenin Sackett Residence
Berkeley, CA

Single Family Homes under 3,000 sq. ft.

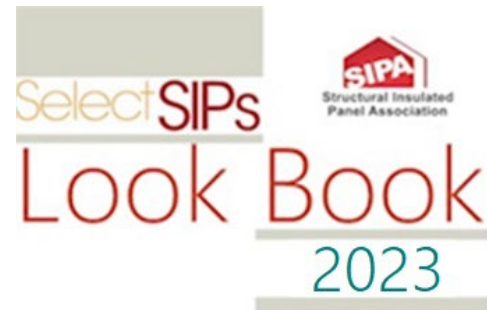
Net Zero Energy SIP House Placitas NM

SIP wall thickness: 8"

Builder has full electric
Net-Zero homes

11.56 KW Solar PV
generating over 100% of
energy

2.8 Kft²



Premier Building Systems

Ocate Court
Placitas, NM



Single Family Homes under 3,000 sq. ft.

High Performance SIP House Grass Lake MI

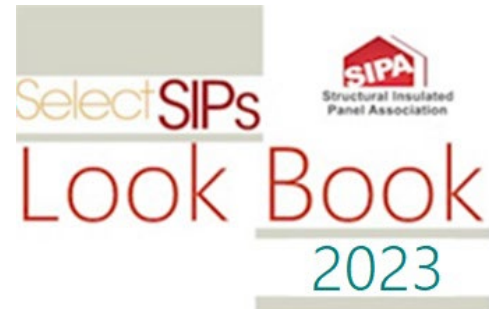
SIP wall thickness:
6.5" with EPS core (U-
0.039)

SIP roof thickness:
10.25" with EPS core (U-
0.027)

HERS index: 47

Blower door test results:
0.81 ACH50

kBtu/ft²:
13.1 Btuh/ft² heating (70°
winter IDB) ; 6.8 Bth/ft²
cooling (75° summer IDB)



Moonlight Architecture
Clough Residence
Grass Lake, MI

