



#2

Single Family Homes under 3,000 sq. ft.

Single Family Homes under 3,000 sq. ft.

Energy Star SIP House Sun Prairie WI

SIP wall thickness:

EPS Foam (5 5/8") Full
Panel Thickness 6 1/2"

HERS: 45

Blower door test results:

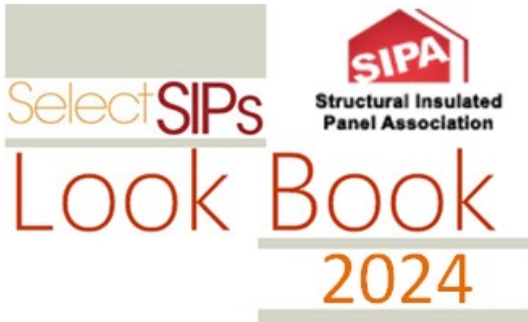
0.31 ACH50

HVAC:

Rheem 85,000 BTU HE
furnace, Rheem RA1342
central air, 2 zone system.

Certifications:

Zero Energy Ready
EPA Indoor airPLUS



Energy Panels Structures

Anderson Residence
Sun Prairie, WI



Single Family Homes under 3,000 sq. ft.

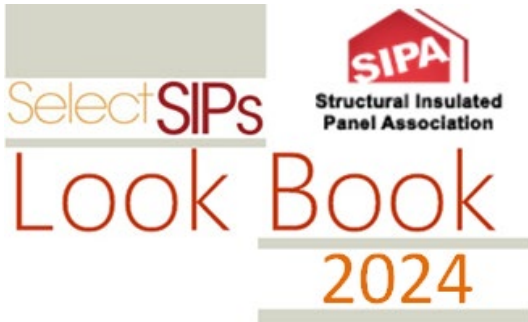
Energy Star SIP House Watertown WI

SIP wall thickness:
6-9/16 x 10« high

HERS: 47

Blower door test results:
0.63 ACH50

HVAC:
Rheem R95TC 100,000 BTU
HE furnace with an ECM
blower motor, 4 zone
system with LL 1/2
exposure SIPs panels, 13
seer air conditioner.



Energy Panels Structures
Sandvick Residence
Watertown, WI



Single Family Homes under 3,000 sq. ft.

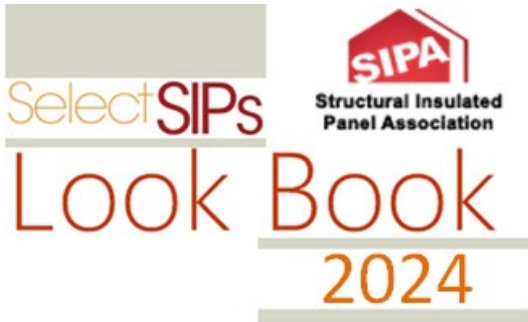
High Performance SIP Lake House Milford IA

SIP wall thickness and core material: 8-1/4" SIP Wall (7-3/8" EPS Core)

SIP roof thickness and core material: 12-1/4" SIP Roof (11-3/8" EPS Core)

HERS: 47
ACH50: 1.08
CO2 lbs./sq.ft./year: 10

Design exceeds requirements for IECC 2012 Performance compliance by 33.6%



Look Book
2024

Energy Panels Structures

**Bunk House
Milford, IA**



Single Family Homes under 3,000 sq. ft.

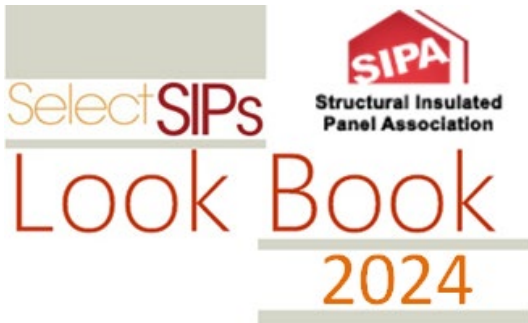
Modern SIP House Remington VA

SIP wall thickness and core material: 6" EPS with 19/32 skins

SIP roof thickness and core material: 10" EPS with 19/32 skins

ACH50: 0.87

HVAC:
16+ SEER, HSPF 9.0, with a 10 Kw aux heat
AprilAire model #8100
ERV Broan 50 CFM
bathroom exhaust fans



T&M Contracting
And
Construction Services, LLC
Lakota House
Remington, VA



Single Family Homes under 3,000 sq. ft.

SIP ECO-Friendly Desert House Placitas NM

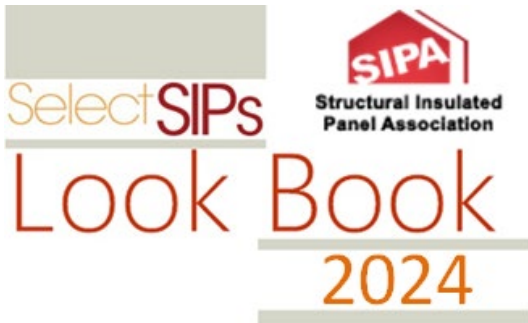
SIP wall thickness: 8 1/4"
wall panels, EPS foam

SIP roof thickness and
core material: Traditional
truss roof, open cell spray
foam cap, batt insulation.

HERS: 37 (solar panel not
included in this rating)

ACH50: 1.09
kBtu/ft2: 4.41

HVAC:
Air-source heat pump
Water Heating



Premier Building Systems

8 Ocate Ct
Placitas, NM



Single Family Homes under 3,000 sq. ft.

SIP Sustainable House Thermal CA

SIP wall thickness:

6" EPS

SIP roof thickness:

12" EPS

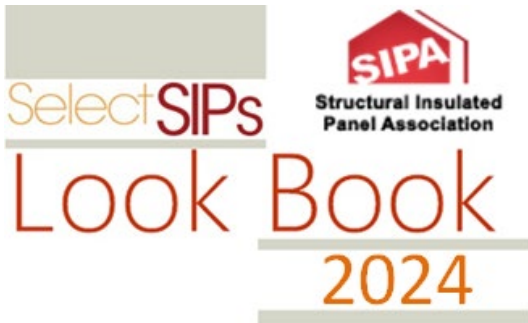
All low VOC finishes

Low water need vegetation

Solar ready/solar installed.

On demand hot water

Achieved Title 24
requirements



Premier Building Systems
Pueblo Unido 3 Bed Prototype
Thermal, CA



Single Family Homes under 3,000 sq. ft.

SIP Sustainable House Sequim WA

SIP wall thickness: 6" EPS

SIP roof : 10" EPS

HVAC: Mini Spit and heat pump



Premier Building Systems
Abode Sustainable Living Residence
Sequim, WA



Single Family Homes under 3,000 sq. ft.

Super-Efficient ADU SIP House Seattle WA

IP wall thickness: 6" EPS

SIP roof I: 10" EPS

HERS: -2

ACH50: 1.07

HVAC: Sanden CO2 radiant
floor heat/hot water.
Fantech ERV

Cork 2" exterior insulation,
triple pane U-15 windows

Solar Panel: 16w



Premier Building Systems

GRAMADU
Seattle, WA

