

Application

PARTICIPANT INFORMATION

Company Name: _____

Contact Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

Email: _____

Website: _____

CATEGORY ENTRY *(check one category)*

- ☐ Single Family Homes (over 3,000 sq. ft.)
- ☐ Single Family Homes (under 3,000 sq ft.)
- ☐ Multifamily
- ☐ Agricultural
- ☐ Institutional / Industrial / Commercial
- ☐ Renovations
- ☐ Affordable Housing

PROJECT INFORMATION

Project Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Date completed: _____

Total cost of project (exclusive of land): _____

Dimensions of building (all floors of multi-story building): _____

Asking price/purchase price (Affordable Housing only): _____

BUILT BY *(if different than applicant)*

Company Name: _____

Contact Name: _____

Address: _____

City: _____

State: _____ Zip: _____

PANELS MANUFACTURED BY *(members only)*

Company Name: _____

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

Company Name: _____

Contact Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Please answer each question with as much detail as possible.

Attach additional pages if necessary.

Describe the end use of the building:

How did SIP construction help you get this job?

Continued

Please answer each question with as much detail as possible to help in the judging process

SIP wall thickness and core material:

SIP roof thickness and core material:

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

Describe any innovative design elements or structural engineering involved:

Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, or local green building programs. Only list certifications that are completed:

HERS Index (residential projects):

Blower door test results (ACH50) (residential projects):

Describe the HVAC system used on the project:

Please list any energy-efficient products or design features other than SIPs:

Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc.:

Any additional comments on the project:

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
- ☐ I have indicated the HERS Index as determined by a RESNET certified home energy rater (residential projects)

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:

Entries that do not contain all required materials or are received after March 22, 2012 will not be considered

Complete application and submit electronically to cschwind@gmail.com

Or send hard copy applications to SIPA office:

P.O. Box 1699 Gig Harbor, WA 98335
For FedEx or UPS Deliveries ONLY:
6659 Kimball Drive NW, D-404
Gig Harbor, WA 98335
253.858.7472









BUILDING LEAKAGE TEST COMPARISON

Building Knowledge, Inc.
PO Box 1376
Burnsville, MN 55337
Phone: 952-944-5605

Test #1	Test #2
Test File: 2512 29th Avenue S basement door open	Test File: 2512 29th Avenue FINAL_FINAL_22NOVEMBER11
Date of Test: 4/29/11	Date of Test: 11/16/11
Customer: Vujovich Design Build International Market Square 275 Market Street, Suite 521 Minneapolis, MN 55405	Customer: Vujovich Design Build International Market Square 275 Market Street, Suite 521 Minneapolis, MN 55405
Phone: 612-338-2020	Phone: 612-338-2020

Test Results

	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	2856 CFM 8.26 ACH	1371 CFM 3.97 ACH	-1485 CFM -4.30 ACH	-52.0 % -52.0 %
2. CFM50 per ft2 Floor Area	1.06 CFM/ft2	0.51 CFM/ft2	-0.55 CFM/ft2	-52.0 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	261.4 in2	146.1 in2	-115.3 in2	-44.1 %
LBL ELA @ 4 Pa:	129.8 in2	79.1 in2	-50.7 in2	-39.0 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)				

Infiltration Estimates

1. Estimated Annual Average Infiltration Rate:	138.6 CFM 0.40 ACH	84.5 CFM 0.24 ACH	-54.1 CFM -0.16 ACH	-39.0 % -39.0 %
2. Estimated Design Infiltration Rate:				
Winter:	224.0 CFM 0.65 ACH	136.6 CFM 0.40 ACH	-87.4 CFM -0.25 ACH	-39.0 % -39.0 %
Summer:	107.7 CFM 0.31 ACH	65.6 CFM 0.19 ACH	-42.0 CFM -0.12 ACH	-39.0 % -39.0 %

Cost Estimates

1. Estimated Costs of Air Leakage for Heating:	\$252	\$108	\$-144	-57.0 %
2. Estimated Costs of Air Leakage for Cooling:				

PERFORMANCE SUMMARY

Date:	November 29, 2011	Rating No.:	
Building Name:	██████████	Rating Org.:	Building Knowledge
Owner's Name:	██████████████████	Phone No.:	952-944-5605
Property:	██████████████████	Rater's Name:	Pat O'Malley
Address:	Minneapolis, MN	Rater's No.:	MN_01
Builder's Name:	Vujovich Design Build	Rating Type:	Projected Rating
Weather Site:	Minneapolis, MN	Rating Date:	11/29/11
File Name:	██████████_FINAL_28NOVEMBER11.blg		

	2512 29th Ave S OLD	2512 29th Ave FINAL	DIFF	% DIFF
Annual Load (MMBtu/yr)				
Heating	137.6	85.8	51.8	37.7%
Cooling	0.0	0.0		
Water Heating	18.4	12.5	5.9	32.0%
Annual Consumption (MMBtu/yr)				
Heating	212.0	90.7	121.3	57.2%
Cooling	0.0	0.0		
Water Heating	24.2	15.6	8.6	35.4%
Lights & Appliances	32.1	30.2	1.8	5.7%
Photovoltaics	-0.0	-0.0		
Total	268.3	136.6	131.7	49.1%
Annual Energy Cost (\$/yr)				
Heating	\$ 1908	\$ 821	\$ 1086	56.9%
Cooling	\$ 0	\$ 0	\$	
Water Heating	\$ 218	\$ 141	\$ 77	35.4%
Lights & Appliances	\$ 859	\$ 652	\$ 207	24.1%
Photovoltaics	\$ -0	\$ -0	\$	
Service Charges	\$ 240	\$ 240	\$	
Total	\$ 3224	\$ 1854	\$ 1370	42.5%
Design Loads (kBtu/hr)				
Space Heating	65.6	42.0	23.6	36.0%
Space Cooling	0.0	0.0		
Utility Rates:				
Electricity:	Xcel Elec \$.09			
Gas:	Xcel Energy Gas			