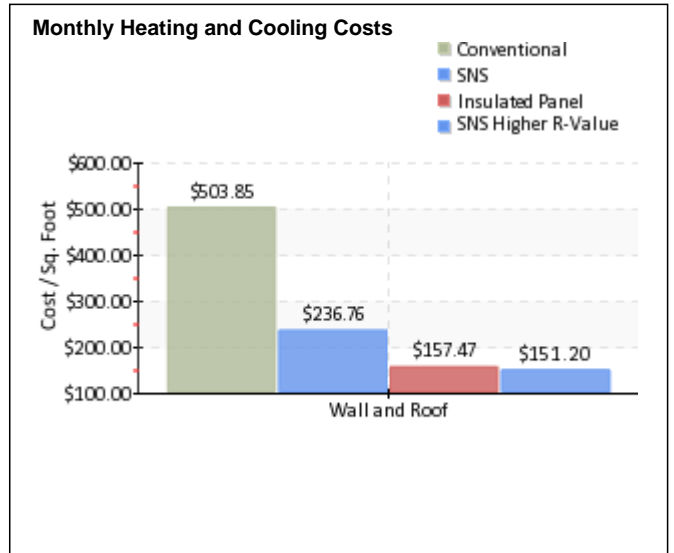
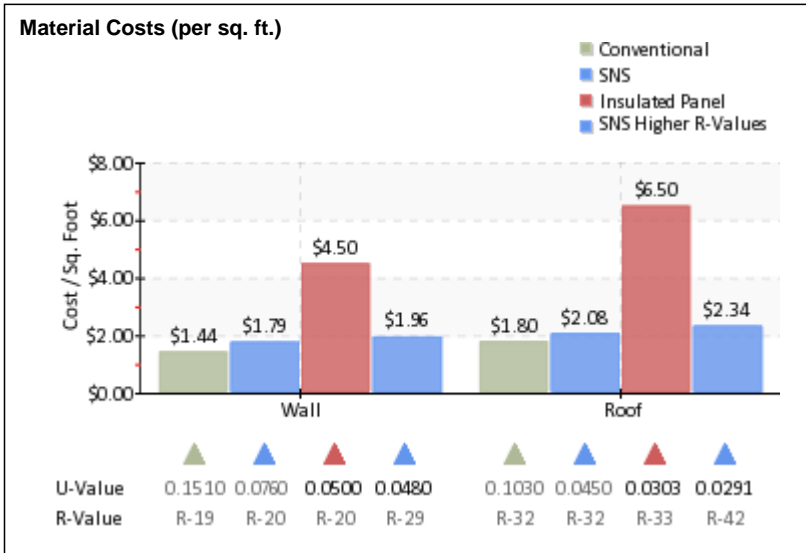




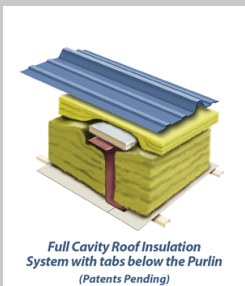
# Comparing Insulation System Cost and Performances

For a 50' Width x 100' Length x 16' Height Building

Project Name: Test



U-Factors represent the actual performance of the insulation system. These values given herein are based on an actual "Hot Box Test". The addition of windows, doors, the frequency of opening doors, exhaust systems and other un-insulated areas will affect actual performance. Your actual results may vary.



**Conventional System**

Wall

- 6" Insulation + Vapor Barrier
- 26 ga. PBR Panel (Panel)

Roof

- 4" Fiberglass Insulation
- 6" Insulation + Vapor Barrier
- 26 ga. PBR Panel (Panel)
- Banding System

System	Wall R-19	Roof R-32
Cost	\$7,211.52	\$9,124.20
Monthly Energy Cost	\$503.85	
Return on Investment (Insulation)	---	

**Sealed N Safe System**

Wall

- 3" Fiberglass Insulation
- 3" Insulation + Vapor Barrier
- 26 ga. PBR Panel (Panel)
- SNS Screw-Down Thermal Block (2 1/2)

Roof

- 4" Fiberglass Insulation
- 6" Insulation + Vapor Barrier
- 26 ga. PBR Panel (Panel)
- SNS Screw-Down Thermal Block (2 1/2)
- Insulation Rail

System	Wall R-20	Roof R-32
Cost	\$8,939.28	\$10,543.52
Monthly Energy Cost	\$236.76	
Return on Investment (Insulation)	11.78 months	

**Insulation Panels**

Wall

- 2 1/2" Foam
- 24 ga. Exterior Panel
- 24 ga. Interior Panel

Roof

- 4" Foam
- 24 ga. Exterior Panel
- 24 ga. Interior Panel

System	Wall R-20	Roof R-33
Cost	\$22,536.00	\$32,948.50
Monthly Energy Cost	\$157.47	
Return on Investment (Insulation)	113.02 months	

## 40 Year Savings Analysis (Heating & Cooling)

	Total Building Cost	Building Cost Recovery Period	15 Years	40 Years
Conventional Insulation	\$48,335.72	-	(\$139,028.72)	(\$290,183.72)
<b>SNS</b>	<b>\$51,482.80</b>	<b>16.06 years</b>	<b>(\$3,406.60)</b>	<b>\$76,720.40</b>
Insulated Panels	\$87,484.50	21.05 years	(\$25,136.10)	\$78,777.90
<b>SNS Higher R-Value</b>	<b>\$53,652.10</b>	<b>12.68 years</b>	<b>\$9,824.90</b>	<b>\$115,619.90</b>