

Improvement Packages

Evaluated Packages

	Annual Savings		% Savings	Payback Years	Cashflow \$/Year	SIR	
	Cost	MBTU					\$
Total Package	\$47,420	157.7	\$4,305	62 %	11.0	\$129	2.73

Package Descriptions

Total Package

	Cost	Annual Savings MBTU	Annual Savings \$	Payback Years	Cashflow \$/Year	Imp. Life Years	SIR in Package
First,Second, & Bsmt Wall Insulation	\$21,680	37.7	\$1,028	21.1	(\$881)	40	1.89
Basement Foundation Wall Insulation	\$1,312	15.8	\$430	3.1	\$314	40	13.07
First Floor Slab Insulation	\$2,240	6.3	\$172	13.0	(\$25)	40	3.07
Basement Slab Insulation	\$1,512	11.0	\$301	5.0	\$168	40	7.95
Window Replacement	\$15,750	9.2	\$255	61.7	(\$1,131)	20	0.32
Total Heated Area Infiltration Reduction	\$1,000	75.6	\$2,059	0.5	\$1,971	20	41.13
Door Replacement	\$2,250	1.7	\$47	48.0	(\$151)	20	0.42
Add HRV	\$1,500	-1.8	(\$48)	N/A	(\$180)	20	N/C
Rim Joist Insulation	\$176	2.3	\$61	2.9	\$46	40	13.93
Total for Package	\$47,420	157.7	\$4,305	11.0	\$129	N/A	2.73

Non-Energy Benefits:

1. First,Second, & Bsmt Wall Insulation: Improve comfort, increase value of building.
2. Basement Foundation Wall Insulation: Improve comfort, increase value of building.
3. First Floor Slab Insulation: Improve comfort, increase value of building.
4. Basement Slab Insulation: Improve comfort, increase value of building.
5. Window Replacement: Improve comfort (reduce drafts), increase value of building.
6. Total Heated Area Infiltration Reduction: Reduce drafts.
7. Door Replacement: Improve comfort (reduce drafts), increase value of building.
8. Add HRV: Improve indoor air quality, increase value of building.
9. Rim Joist Insulation: Improve comfort, increase value of building.