



EVERGREEN

Foam & Insulation

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Potential Costs & Savings

This Client Memo is meant to provide a summary of potential costs and savings and return periods associated with open cell spray foam insulation in residential construction based on an analysis conducted by Demilec and Chase Bank.

Demilec and Chase's analysis evaluates a 3,500 s.f. home using fiberglass insulation and open cell spray foam insulation as follows:

Potential Cost Comparison	Fiberglass	Sealection 500
3,500 s.f. house	\$3,500-7,000	\$8,750-12,250

Source: Demilec (USA) LLC

Potential Savings	3,500 S.F. House (with Sealection 500)	
Monthly mortgage increase		\$59.96
Monthly energy savings		\$180.00
Net monthly savings		\$120.04

Source: Demilec (USA) LLC

Potential Return Period

Based on the above analysis, the additional cost of spray foam insulation in the example 3,500 s.f. house could be as high as \$8,750 (i.e., \$12,250 - \$3,500 = \$8,750). The resulting potential return period is approximately **4.1 years** (i.e., $\$8,750 \div (\$180 \text{ monthly energy savings} * 12 \text{ months})$).

Actual costs, savings and return periods will vary based on a variety of factors including construction, other building materials used, local climate, homeowner energy consumption, etc. This analysis does not take into account the increasing cost of oil, natural gas or energy – or the degradation of traditional forms of insulation, such as fiberglass or blown-in cellulose, that naturally occurs over time.

Unlike traditional forms of insulation, spray foam insulation does not degrade or settle over time, preserving the superior performance and resulting monthly cost savings associated with spray foam insulation for the life of the structure.