



Exterior Insulation and Finish System

Submitted by Joey Brooks



It's always tough trying to decide what you want for an exterior finish on your home. E.I.F.S (Exterior Insulation and Finish System) is a great option for a new build or a renovation of your current home.

What is EIFS? Exterior insulation and finish system are a multi layer exterior finish that is made up of the following steps.

1. Liquid air barrier
2. Adhesive for insulation installed with a notched trowel to insure a drainage plane behind the system; no mechanical fasteners this limits thermal bridging
3. Type I EPS insulation
4. Reinforcing mesh and base coat
5. Acrylic finish.

This system when installed by certified installers carries a warranty of 10 to 15 years depending on the products used. There is also an R value of 3.75 per inch added to the exterior wall of your home or business. You will notice a reduction in outside noise in you home as well.

Tired of spending piles of your hard earned money on heating/cooling of your home. Thermal bridges are penetrations in a buildings insulation layer that allow heat

to escape and cold to enter in the winter months. Vice versa in the summer. In a properly insulated new home, thermal bridges can account for heat loss up to 30%. Using E.I.F.S. to clad your exterior will greatly reduce thermal bridges as shown in the thermal image. If your home was built before 1999, it may not have enough insulation. Adding to the insulation in your home will help save energy and



Exterior Insulation is the most effective way to reduce thermal bridging with traditional stud framing. Image: drivit.com

improve the comfort of your home. Brooks Masonry and Acrylics can help you apply for rebates through Manitoba Hydro. E.I.F.S. is unlike other exterior finishes as it allows you to recoup the expenses of the installation over time and eventually put that money in your pocket, as it can reduce your energy consumption.

The design possibilities are endless with E.I.F.S. from using aesthetic grooves, custom built details, and the ability to pick any colour you could imagine. There are different finish styles to choose from as well as using stencils to



Before and After



achieve patterns and architectural designs. Acrylic finish can also be used inside your home or office to create a feature wall. Light weight stone veneer can be installed over E.I.F.S. ensuring you have that continuous insulation on the exterior of your home.

BROOKS
MASONRY
LTD.
& ACRYLICS

- Brick / Block
- New Construction
- Manufactured Stone
- Stucco
- Restoration
- Full System EIFS

BRANDON, MB | 204-573-7674
www.brooksmasonry.ca

Residential & Commercial

ASK US ABOUT MANITOBA HYDRO'S ENERGY EFFICIENCY PROGRAMS