

QUAD-LOCK® PROJECT PROFILE

Quadruple the R-Value with R-ETRO

Challenge:

With no exterior wall insulation and an R-Value of only R-5, this 1954 brick home near Ontario desperately needed radical improvement. As temperatures in Whitby can soar as high as 34°C [93F] in the summer and plunge to -25°C [-13F] in the winter, massively increasing this home's thermal efficiency was clearly the key to transforming it for 21st Century living, but how? "By using the R-ETRO system from Quad-Lock!" replies Rudi Dyck emphatically. Owner of the home and partner in a local construction company, Rudi also benefited from R-ETRO's unique qualities to give a much needed facelift to this home's dated appearance and re-plumb its crooked exterior walls.



Solution:

"Installing the R-ETRO System from Quad-Lock was by far the easiest and most secure way to exponentially increase the R-Value from R-5 to R-24. With such a radical change to the home's energy efficiency we have significantly reduced our carbon footprint, our heating costs, **and** we get a tax break from the government!" explains Rudi. "At the same time as saving so much money and increasing comfort levels within the home, straightening the walls and giving the house a modern look has also added re-sale value. With R-ETRO, it's so simple, how can you go wrong?" he added.

The project was finished on time, on budget and will rapidly give this proud householder a solid return on his investment, as well as satisfying his desire to be "more green".

To find out more about the system and the savings you can expect, go to www.r-etrol.com.



Quadruple the R-Value with R-ETRO...cont'd

Project Details

Location:

- Whitby, ON, Canada

Project Type & Size:

- 2-Story residential property built in 1954
- 1500 sqft [139 sqm]

Products Used:

- R-ETRO System - 4.25" [108mm] Plus Panels
- Quad-Lock Peel & Stick
- Energy Star Windows
- Stucco finish

Project Partners:

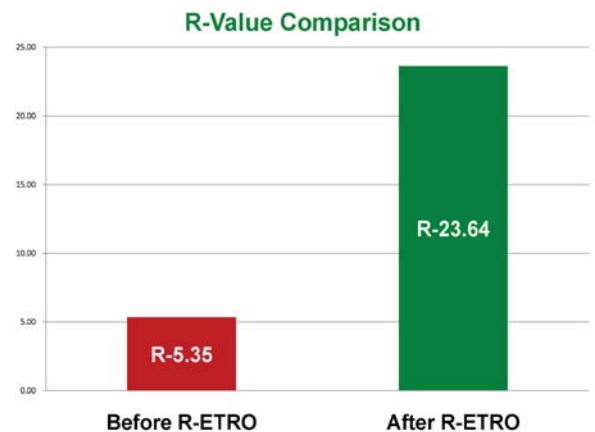
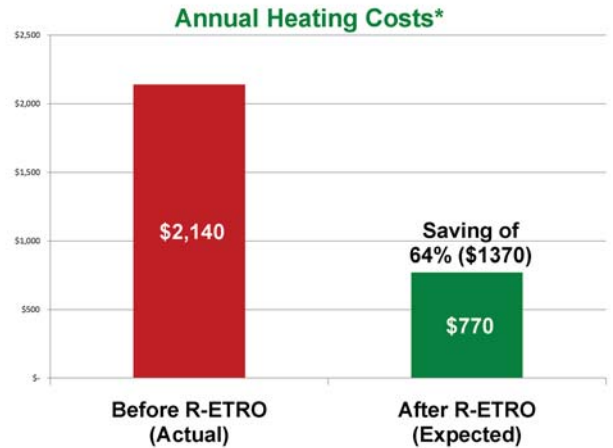
- Owner - Rudi Dyck
- General Contractors - Das Haus Ltd. and Einbau Ltd.
- Quad-Lock Dealer - Renfrew Agri Systems

Why R-ETRO by Quad-Lock:

- Increase the R-Value by more than 300%
- Superior indoor comfort levels
- Tax incentives
- Updates & enhances appearance, increasing home value
- Easily fastens to existing walls
- Easily shims to correct walls that are out of alignment

Comparative Data:

- Cost of R-ETRO & upgrades.....\$5,600
- Total annual energy savings from improvements.....\$1,370
- Payback calculated at 4 years



*Source: Hot2000 Calculations from Ministry of Natural Resources Canada