



weathershield.ca

Weathershield Insulation

Weathershield is a fibrous thermal/acoustical insulation made from recycled paper stock. It provides both high R-Value and resistance to air leakage. It is blended with harmless, naturally-occurring chemicals to provide resistance to fire, fungi, corrosion and pests. It is also pneumatically dry-injected to fill enclosed spaces such as the cavities of ceilings and floors. Weathershield is used in both new construction and retrofit applications.

Weathershield requires less inches overall to reach desired R-Value in the attic. Therefore, less inches of Weathershield are required from eave to the actual desired R-Value.

Figure 1: Heel Height

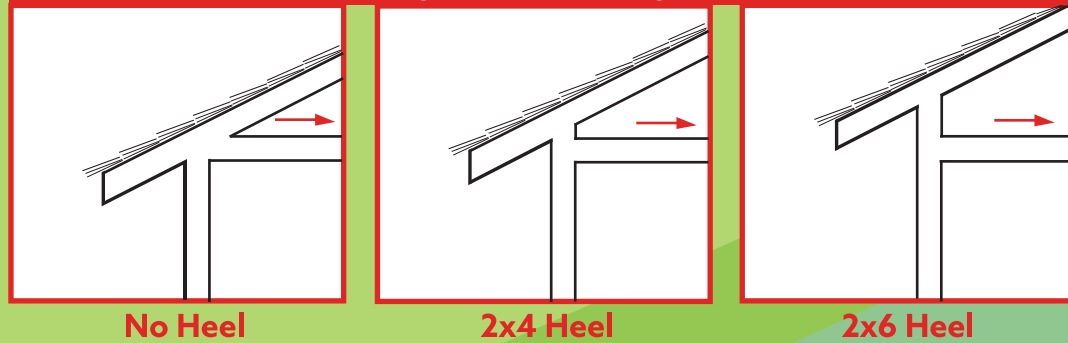


Figure 2: Inches from eave to achieve R-50

	Roof Pitch	6	7	8	9	10	11	12
No Heel	Cellulose	28.6"	25"	22.1"	20"	18"	15.5"	14.7"
	Fiberglass	39.7"	34.4"	30.7"	27.5"	24.8"	22.9"	21.2"
2x4 Heel	Cellulose	21.9"	19"	17"	15.2"	14"	12.7"	12"
	Fiberglass	35.8"	30.8"	27.5"	25"	23"	21"	19.5"
2x6 Heel	Cellulose	17.4"	15.3"	13.8"	12.5"	11.4"	10.5"	10"
	Fiberglass	29.2"	25.2"	23.6"	20.2"	18.3"	16.7"	15.8"

• Note: Run distances in chart include provision for 2" air space.

• Due to the greater density of Weathershield cellulose insulation, it provides a higher R-value/inch than glass fibre, so it takes less inches to reach an R-50 in your attic. This means that a larger percentage of your attic provides more insulating performance.

• Glass fibre insulation (batts and loose-fill) has a variable R-value of about 2.7/inch, whereas Weathershield cellulose insulation provides a stable R-value of 3.7/inch.

• Weathershield Insulation offers you a far better protected roof and more effectively insulated home, especially at the most critical part of your home (where your walls meet your roof.) Using Weathershield Insulation will prolong the life of your roof by protecting it from rapid changes in the temperatures (which can otherwise cause ice damming, condensation on the underside of the roof, shingle deterioration, and more.)



Benefits

- What you spend on it, you'll make back in reduced heating bills (up to a 50% savings!).
- Protects against insects and vermin
- Prevents ice damming
- Its fire-resistant properties mean that a building will burn slower than the competitive glass fibre or foam insulation. This allows occupants time to safely exit the building.
- Due to being blown into place, it fills in the irregular cavities of the building and prevents air infiltration and convection.
- Mold and mildew resistant.

R-Value Comparison

R 3.7/inch **Weathershield**

R2.7/inch **Fiberglass**



wallbar.ca

WallBAR Insulation

WallBAR is blown in cellulose that is specially formulated for vertical application. As a result of the application process, you're left with a superior air, thermal, fire, and noise reduction barrier.

Our dense pack WALLBAR application eliminates wall cavities & air convection within the wall, to provide a warmer, quieter, more comfortable and energy efficient home.



Fire Protection

Weathershield & WallBAR stay in place longer than other insulations and will not add more fuel to the fire by melting away. The borates added to Weathershield & WallBAR provide superior flame resistance, and are six times less toxic to humans than common table salt. Also they contain no glass fibre or formaldehyde.



the Greenest of the Green

Cellulose Insulation

WallBAR provides **incredible sound reduction qualities** that are ideal for shared walls.

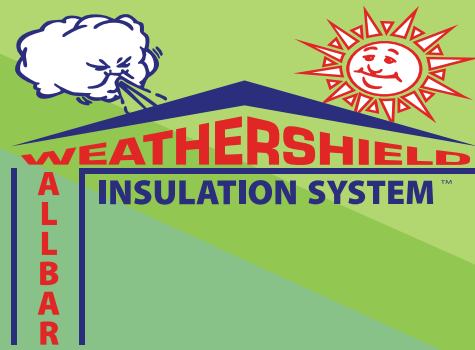
Premium Insulation Solution

When both WallBAR and Weathershield are installed, the home owner will save up to 50% of their energy cost compared to glass fibre.



Benefits

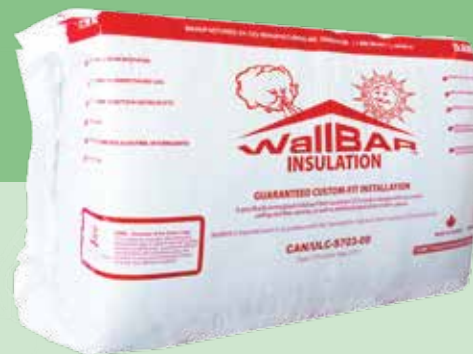
- Wallbar is a licenced product. This ensures a quality install is done every time. For an installer that does a guaranteed job near you, please contact us.
- It thermally and acoustically outperforms glass fibre, rock wool, and spray-foam products.
- It doesn't break down over time; glass fibre has been shown to gradually lose its structure.
- It maintains a higher value of insulating quality (R-value) than the same volume of glass fibre.
- The embodied energy used to produce Weathershield is 10 times less than glass fibre and mineral wool, and 60 times less than spray foam.
- Is proven to increase in R-Value as temperatures decrease.



LIFETIME GUARANTEE

Weathershield™ and WallBAR™ will meet or exceed their rated R-Values under actual field tested temperatures ranging from -60°C to +23°C.

The best in the Business. Weathershield™ and WallBAR™ will perform to above claims for as long as you own your home. (NON-TRANSFERABLE)



Weathershield™ and WallBAR™ are manufactured in accordance with ULC Standard CAN/ULC-S703

Ceilings R-_____ Exterior Walls R-_____ Date Insulation Installed: _____

Installer Signature: _____ Contractor License Number: _____

Contractor Name: _____ Contractor Phone: _____

Contractor Address: _____

OWNER: _____ Owner Phone: _____

ADDRESS: _____

The contractor warrants that Weathershield/Wallbar Insulation has been installed in accordance with all manufacturer's requirements and with R-Value ratings recorded above.

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Warm in Winter Cool in Summer



Residential, Commercial, and Agricultural Insulation



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