



FARM TO WALLS



Havelock Wool insulation connects nature to our daily lives. Farm to Walls is a concept that allows for the natural landscape enjoyed by New Zealand sheep, and the integrity of the fiber that has honed its thermal capacity over thousands of years, to protect and insulate the spaces where we live, work and learn.

Our raw material grows in a serene setting that serves as the baseline for a trade that is responsible for the sequestration of more than 500,000 tons of atmosphered-derived carbon. Havelock Wool insulation provides the ability to manage moisture, remove harmful chemicals and remain an effective insulator over the life of the structure.

www.havelockwool.com

Premium Wool Insulation

A renewable and sustainable building material



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Why Wool?

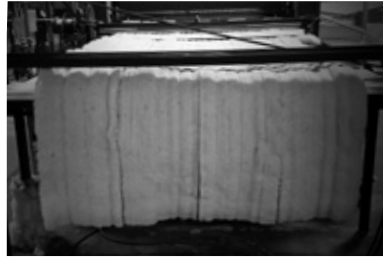
Sheep have been adapting to severe climatic environments for thousands of years. Over such time, their wool has evolved to offer protection from the elements of each season – hot and cold; damp and dry. Wool’s unique structure; trap air, moisture and harmful chemicals improving air quality while keeping heat in during winter and heat out over the summer months.

Wool Facts

- Cleans the air of harmful chemicals
Research shows wool irreversibly traps:
 - Formaldehyde
 - Nitrogen oxides
 - Sulfur dioxide
- Manages moisture: wool can absorb moisture equivalent to 35 % of its net weight
- Entirely renewable & sustainable
- High performance insulator
- Naturally fire resistant
- Extended useful life
- Wool does not sag: allowing stated R-values to be maintained
- Reusable & compostable

Insulation Products

Havelock Wool Batt Insulation



Available Batt Sizes

R Value	Thickness	Width
13	3½"	15½, 16
19	5½"	15½, 16

Technical Data - Batt and Loose Fill Insulation

Applications

Havelock wool can be used in residential and commercial construction as a thermal and acoustic insulation in open attic areas, enclosed walls, floors and ceilings.

Compliance

California Bureau of Thermal Insulation:
License #T1500 / Registry #CA--T500

Havelock Wool Loose Fill Insulation



Coverage Chart

R Value	Bags per 1000 sq ft	Max Coverage per bag (25lbs)	Min. Weight lbs per sqft	Min. Installed Thickness
11	10	103	0.24	2.6
13	11	87	0.29	3.0
15	13	76	0.33	3.5
19	17	60	0.42	4.4
22	19	52	0.48	5.1
24	21	47	0.53	5.6
26	23	44	0.57	6.1
30	26	38	0.66	7.0
38	33	30	0.84	8.9
45	40	25	0.99	10.5
50	44	23	1.10	11.7

Physical Properties

Property	Performance	Test
Surface Burning	Flame Spread (Class A)	ASTM E-84
Fire Hazard	Smoke Developed (Class A)	ASTM E-84
Thermal Conductivity	Resistance Value	ASTM C-518
Acoustics	Sound Absorption Coefficient	ASTM C-423

Noise Reduction Coefficients (NRC)

Batt NRC - 0.90 Loose Fill NRC - 0.95