**Havelock Wool**
Natural, High-Performance Insulation

Available through
# CaraGreen
Sustainable Architectural Materials
www.caragreen.com • 919.929.3009
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## BATT INSULATION





## LOOSE FILL INSULATION





### GENERAL INFORMATION

- Made from 100% Sheep's Wool Fibers, no synthetic fillers
- Wool insulation is entirely renewable and sustainable
- Biodegradable and compostable
- Filters air and improves indoor air quality
- Manages moisture and buffers temperature and humidity levels
- Wool is a keratin so it does not support the growth of mold
- Resists fire - wool will not support a flame below 1100F
- Absorbs sound - wool fiber is unique in its ability to reduce airborne sound
- No off-gassing
- Installs easily with no protection required
- Conforms to Class A, ASTM E84 fire and smoke testing standards

### SIZE & FORMAT

- Batt Insulation
    - R-7 (2" thick), 15.5" wide, 125 sq.ft. per bag
    - R-13 (3.5" thick), 15.5" wide, 90 sq.ft. per bag
    - R-20 (5.5" thick), 15.5" wide, 60 sq.ft. per bag

- Loose Fill Insulation
    - R 4.3 per inch - reference coverage chart for details, available upon request

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## WHY WOOL?

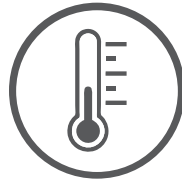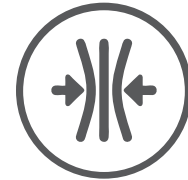Improves Indoor Air Quality

Manages Moisture

Sound Absorption

Easy To Install

Helps Regulate Temperature

Resistance to Compression

Each fiber of sheep wool is composed of protein molecules (keratin) organized into five follicles. These fibers effectively manage moisture and trap harmful chemicals.

Using wool as insulation actually helps keep your home warm in the winter and cool in the summer, while improving indoor air quality.

Wool's natural structure make it incredibly effective as an insulator

**The wool fiber is the ideal fiber for insulation**
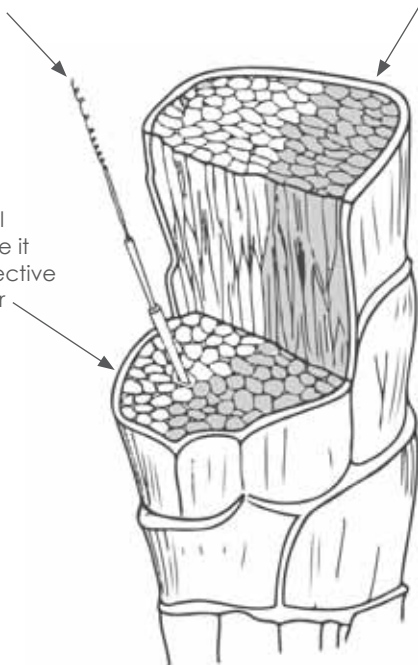
## INTEGRITY OF A WOOL FIBER

- Wool is composed of proteins known as keratins
- A wool fiber's chemical complexity makes it resilient and elastic while resisting compression and slumping.
- High integrity wool fibers yeild a longer life than man-made fibers
- Wool's scaled structure allows for absorption and retention of airborne dust
- The helical properties of wool fiber lead to enhanced sound absorption
- Volatile chemicals, such as formaldehyde, are naturally consumed from the atmosphere