

Good Shepherd Wool Insulation, LLC
Interlaken, NY 14847 USA

CSI PRODUCT SPECIFICATION

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) Format, including Master Format, Section Format, and Page Format, contained in the CSI Manual of Practice.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings.

SECTION 07214

SHEEP WOOL INSULATION

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Natural Sheep Wool Insulation

1.2 RELATED SECTIONS

1.3 REFERENCES

A. ASTM E 84 - Surface Burning Characteristics of Building Materials. Passed

B. ASTM E 119 - Fire Testing of Building Materials (1-Hour Rating). Passed

C. ASTM C 117 - Test Method for Steady-State Thermal Transmissions properties by means of Heat Flow Meter Apparatus. Tested: R value 19 for 5 inches.

D. ASTM C-522 Acoustics. Airflow Resistance of porous materials as per ASTM C522-03 / ISO 9053 used for materials for acoustical applications; determination of airflow resistance determined

E. ASTM C 739-11.0 - Fungi Resistance of Cellulosic Fiber Insulation. AATCC 24 - Insects, Resistance of Textiles to-Related to ISO 3998

1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's printed product data and specifications.
- B. Samples: Submit manufacturer's sample, minimum 6 inches square.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying material name and manufacturer.
- B. Storage: Store materials in a clean, dry area in accordance with manufacturer's instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

MANUFACTURER

DAEMWOOL, Traberg, Austria
Web Site www.daemwool.at

US Headquarters and Sales at
Good Shepherd Wool Insulation
Web Sites:
www.Woolboard.com
www.goodshepherdwool.com

MATERIALS

Sheep wool treated with Mitin for long term stability against fungi and fibers have been thermally bonded.

R-value: 3.9
5.0 Inch = R-19

Fire Rating: Flame Spread - 5 (Class A), Smoke Developed - 35 (Class-A)

Fire Rating: 1-Hour

Acoustic performance for a density of 1 lbs/ft³ test result 0,29 kPa s/m²

Mold/Mildew/Fungi Resistance: Pass-No Growth (ASTM C 739) ISO 3998 (E) Test following EOTA-testing procedure (Annex D of CUAP "Factory-made thermal insulation material and/or acoustic insulation material made of vegetable fibres; edition Oktober 2009"). Test passed

Moisture Absorption: Pass - Less than 15% (ASTM C 739)

Retardant used also acts as excellent pest inhibitor.

Environmentally safe, sustainable, non-allergenic, non-hazardous, non-formaldehyde, non-itch insulation product.

EXAMINATION

Verify on site conditions.

Verify insulation layout and dimensions.

Ensure areas are ready for insulation and accurately match accepted project drawings.

PREPARATION

Remove batts from packaging and shake to activate binding fibers. Batts should be given 5-10 minutes to begin rebound activity.

INSTALLATION

EXECUTION

Install insulation in accordance with manufacturer's instructions at locations indicated on the drawings.

Cut or tear insulation to fit snugly around electrical wall outlets and other cutouts.

Replace damaged material as directed by Architect.

PROTECTION

Protect insulation from damage during construction.