



The Dow Chemical Company
200 LARKIN CENTER
Midland, MI 48674

July 8, 2013

Product: 1.0 inch THERMAX™ Sheathing Insulation (4' x 8')
Project: Mirrolite Mirror, Inc. – Peekskill, NY

This letter is in response to your request concerning LEED information on THERMAX™ Sheathing insulation from The Dow Chemical Company. The information you requested is provided below.

MR Credit 4.1/4.2 Recycle Content

THERMAX Sheathing Insulation:

- 1.0 inch THERMAX™ Sheathing has total Pre-Consumer Recycle Content of 13.4 wt%.
- THERMAX™ Sheathing Insulation does not contain any Post-Consumer recycle.

MR Credit 5.1/5.2 Regional Materials

THERMAX Sheathing Insulation:

- Manufacturing location: Dow THERMAX™ Sheathing is produced in a Dow plant location in Pennsauken, NJ. This appears to be about 110 miles (direct distance) from the project location.
- Harvest/extraction location: The raw materials that make up our THERMAX™ insulation are sourced from various locations throughout US depending on plant locations. The exact locations are business proprietary information. The approximate distance between the raw material location to the job site is about 1476 miles (direct distance).

EA Prerequisite 2, Minimum Energy Performance, Required for certification

THERMAX™ Sheathing insulation from Dow can be used as continuous insulation on walls and ceilings around the building envelope to comply with ASHRAE 90.1 2007. THERMAX Sheathing insulation provides continuous insulation to reduce thermal bridging for a building.

EA Credit 1: Optimize Energy Performance, 1-19 points

THERMAX™ Sheathing insulation from Dow can be used as continuous insulation on walls and ceilings around the building envelope to exceed ASHRAE 90.1 2007 requirements to achieve higher energy efficiency levels. THERMAX™ Sheathing insulation provides continuous insulation to reduce thermal bridging.

EQ Credit 7.1: Thermal Comfort, Design, 1 point

THERMAX™ Sheathing insulation from Dow can be used as continuous insulation around the building envelope on walls and roofs to provide thermal insulation and reduce thermal bridging to meet the requirements of ASHRAE 55.2 Thermal Environmental Design Standards to provide maximum comfort for building occupants.



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If you have technical questions please contact our single-entry point for Dow Building Solutions Technical Inquiries at (866) 583-BLUE (2583).

Sincerely,

A handwritten signature in cursive script that reads "Katherine Kelley".

Katherine Kelley
Customer Information Group (CIG)
The Dow Chemical Company
Midland, MI USA