

LEED™ credit and point opportunities

Our environmentally friendly engineered panel products are an excellent fit for any green building project. If your project is pursuing LEED (Leadership in Energy and Environmental Design) Green Building Rating System™ certification, our products may contribute to LEED points. See credits listed below.

potential LEED credit information

materials & resources

credit	credit requirements	our solution	points available
MR 4.1	10% of the building materials used must be made of recycled materials	The wheat straw and sunflower hulls used are recovered waste from pre-consumer agricultural production	1 point
MR 4.2	20% of the building materials used must be made of recycled materials	The wheat straw and sunflower hulls used are recovered waste from pre-consumer agricultural production	1 point in addition to MR 4.1
MR 5.1	10% of materials extracted, processed, and manufactured regionally	Our raw materials are recovered within 250 miles (500 maximum) of our manufacturing facility in Mankato, MN	1 point
MR 5.2	20% of materials extracted, process, and manufactured regionally	Our raw materials are recovered within 250 miles (500 maximum) of our manufacturing facility in Mankato, MN	1 point in addition to MR 5.1
MR 6.0	2.5% of the value of the building materials used are rapidly renewable	Wheat straw and sunflower hulls are both rapidly renewable materials	1 point

product name	raw material	% of rapidly renewable / pre-consumer content
Dakota Burl®	sunflower hulls	84%
BIOFIBER™ Wheat	wheat straw	< 94%
MICROSTRAND™ Wheat	wheat straw	< 94%
msDor™ Core	wheat straw	< 94%

indoor environmental quality credits

credit	credit requirements	our solution	points available
EQ 4.4	Composite materials, including agri-fiber products must contain no added urea formaldehyde	All of our products are manufactured with the use of a urethane based resin system. No urea formaldehyde is used in our processes.	1 point

At Environ Biocomposites Mfg, LLC, we continually strive to improve our manufacturing processes to ensure environmental responsibility. Each of our products contribute to various LEED credits including recycled content, regional materials, rapidly renewable materials, and low-emitting materials. For additional

information on LEED, please consult the US Green Building Council website at www.usgbc.org.

our carbon footprint

The National Institute of Standards and Technology (NIST) has developed a software program known as BEES®. According to the NIST website, "BEES® measures the environmental performance of building products by using the life-cycle assessment. All stages in the life of a product are analyzed: raw material acquisition, manufacture, transportation, installation, use, and recycling and waste management." The environmental impact of a product is calculated and weighted to determine a products Environmental Performance score, the lower the score the better. Of the 230 building products used in the most recent version, our wheat panel was the only one to receive a negative score! To learn more about BIOFIBER™ and BEES® please view the following information:

- [BIOFIBER™ and BEES®](#)
- [View the BEES® Report](#)