

# Understanding the role of Allura Fiber Cement Siding in meeting Green Building Standards

## INTRODUCTION

As homeowners and municipalities become more environmentally conscious, building professionals are more likely to be asked about adhering to green building guidelines—whether they be LEED®, NAHB or another local green building standard.



As well as being durable and low maintenance, Allura Fiber Cement Siding products are environmentally sustainable.

Allura contributes to LEED (Leadership in Energy and Environmental Design) project certification points in the Materials and Resources category. Additionally, when building to the NAHB Model Green Home Building Guidelines, Allura contributes to the Resource Efficiency category of this guideline as well.

## LEED

The LEED Rating System was developed by the U.S. Green Building Council to provide a national benchmark for the design, construction and operation of high performance sustainable buildings. Allura is a supporter of both the U.S. Green Building Council and the LEED program.

In order for a building to become LEED certified, it must meet certain prerequisites and achieve credit requirements to qualify for rating points. There are a maximum of 69 points available in six categories. For the LEED NC (new construction) standard, the most relevant for fiber cement is Materials & Resources. The other categories are: Sustainable Sites, Water Efficiency, Energy & Atmosphere, Indoor Environmental Quality and Innovation & Design Process. Please note that individual products cannot be LEED certified, but they can contribute to the overall LEED points obtained on a given project.

## ALLURA FIBER CEMENT SIDING PRODUCT CONTRIBUTIONS TO LEED CREDIT\*

## POSSIBLE POINTS

### Materials & Resources

**Regional Materials 10% (credit 5.1):** Use building materials/products that have been extracted, harvested or recovered as well as manufactured within 500 miles of project site for a minimum of 10% (based on cost) of the total materials. Depends on location of project site.

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**Regional Materials 20% (credit 5.2):** Use building materials/products that have been extracted, harvested or recovered as well as manufactured within 500 miles of project site for a minimum of 20% (based on cost) of the total materials. Depends on location of project site.

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\*Based on LEED NC Version 2.2

## NAHB

Resource Efficiency is one of the guiding principles that have been identified by NAHB in their Model Green Home Building Guidelines. Material selection plays a major role in the design of a successful green home and in maximizing its function.

One key differentiation between NAHB and LEED is that a specific product can contribute points under the NAHB guidelines.

## ALLURA FIBER CEMENT SIDING PRODUCT CONTRIBUTIONS TO NAHB

## POSSIBLE POINTS

### Resource Efficiency

**Termite-Resistance (2.2.8):** Use termite-resistant materials for walls, floor joists, trusses, exterior decks and other exterior wood in regions known to be termite infested. Allura Fiber Cement Siding is impervious to wood-boring insects.

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**Resource-Efficient Material (2.7.1):** Use products that contain fewer resources than traditional products. A project must use resource-efficient materials for at least 2 different types of components to receive the 3 points.

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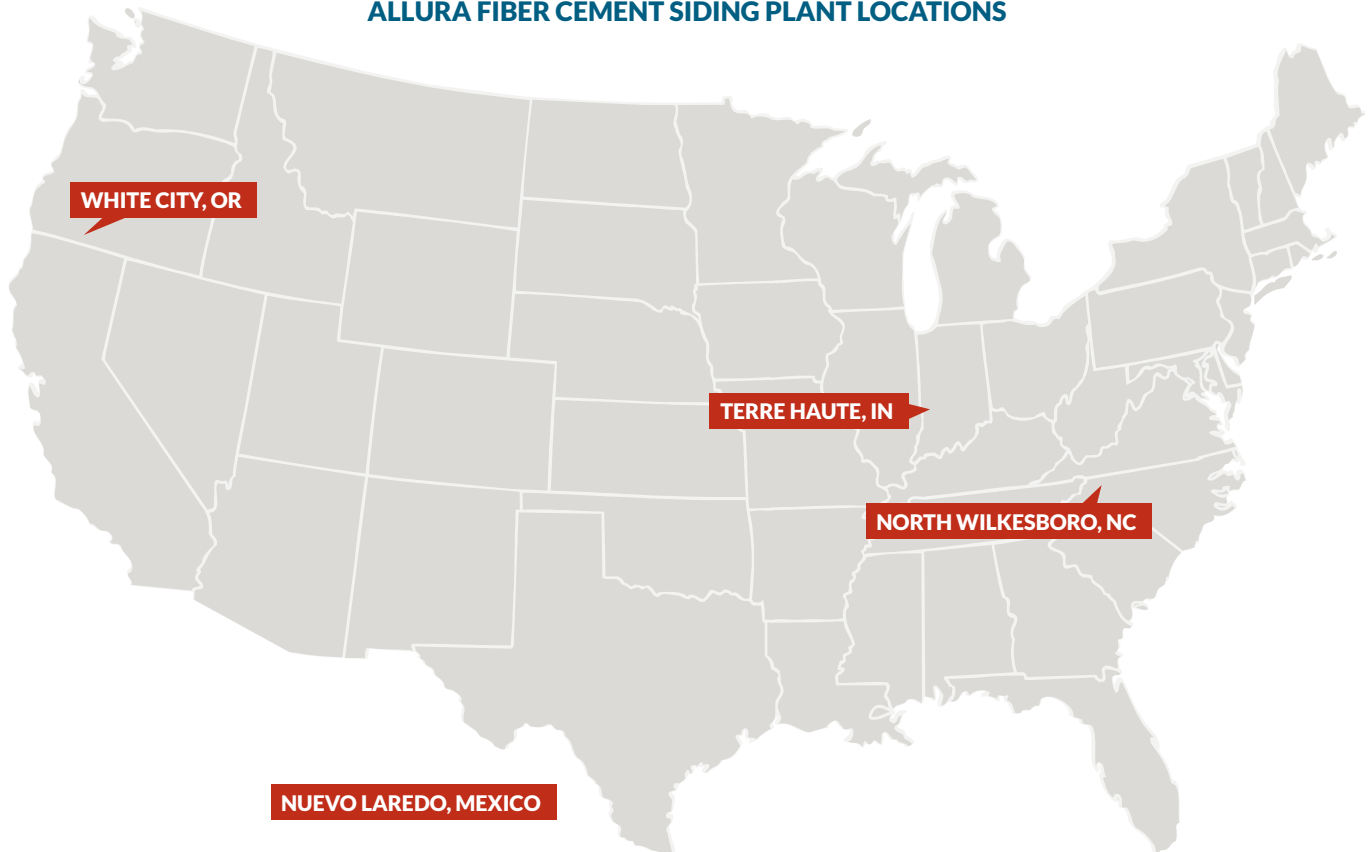
**Locally Available (2.8.1):** Use at least 1 type of locally available, indigenous material in the project construction to obtain 3 points. For each additional type of material, obtain an additional point up to a maximum of 5 points. Depends on location of project site.

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### ALLURA FIBER CEMENT GREEN FACTS:

- Allura is committed to resource conservation. Our manufacturing facilities recycle the water used in our plants, resulting in a savings of more than 1.5 billion gallons per year.
- All wood fiber pulp used in our fiber cement products is supplied from sustainably managed forests.

### ALLURA FIBER CEMENT SIDING PLANT LOCATIONS



*For complete details on the LEED or NAHB rating systems and certification processes contact your LEED or NAHB professional, or visit [www.usgbc.org/LEED](http://www.usgbc.org/LEED) or [www.nahbrc.org/greenguidelines](http://www.nahbrc.org/greenguidelines).*

*To learn more about Allura Fiber Cement Siding products, please visit [www.allurausa.com](http://www.allurausa.com).*



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