

MODERN·MILL
BUILDING REVOLUTIONS



WOODBROOK HIGHLANDS

"We were seeking a product that could replicate the aesthetics and dimensions of the original design while offering modern benefits like sustainability and low maintenance."

– PLACE architecture:design



WOODBROOK HIGHLANDS CASE STUDY

Location	Woodbrook Highlands, Baltimore, MD
Product	ACRE 1"x4" Trim Boards, milled to Tongue-and-Groove Siding
Architect	PLACE architecture:design
Builder	Greenleaf Construction
Finish	Benjamin Moore River Rock

*This coating is not on the Modern Mill list of approved coatings and therefore not under warranty. Be sure to use coatings from the approved list and follow all installation instructions found here:

modern-mill.com/product-expectations

A MIDCENTURY HOME REBORN

Built in 1956, the Woodbrook Highlands home stood as a beautiful example of mid-century design, but its original cedar siding required full replacement. The design team set out to preserve the home's clean geometry and warm aesthetic while improving durability and environmental performance.

ACRE Tongue-and-Groove Siding brought the vision to life. The material replicates the dimensions and look of classic cedar with modern advantages—resisting moisture, rot, and time. The result is a seamless blend of authentic design and sustainable innovation.

WHY ACRE

- **Authentic Look:** Matches the original T&G cedar siding's character
- **Sustainable:** Made from upcycled materials with a low environmental footprint
- **Low Maintenance:** Eliminates constant upkeep and repainting
- **Adaptable:** Can be custom-milled and stained for design flexibility ACRE Tongue-and-Groove Siding brought the vision to life. The material replicates the dimensions and look of classic cedar with modern advantages—resisting moisture, rot, and time. The result is a seamless blend of authentic design and sustainable innovation.

"ACRE's innovative material stood out for its low maintenance requirements and its adaptability to custom profiles, allowing us to honor the home's mid-century character without sacrificing modern performance or environmental Standards."— **Laurie Stubb, Architect, PLACE architecture:design**

DESIGN AND SELECTION

The team evaluated several alternatives, including engineered wood and composite cladding, but none achieved the balance of classic appeal, workability, and long-term sustainability that ACRE offered.

The client was deeply involved in product selection and quickly aligned with the architect's vision. They were drawn to ACRE's wood-like appearance, eco-friendly composition, and durability.



LOOKING FORWARD

With its performance, beauty, and environmental responsibility, ACRE continues to be a trusted choice for modern architecture rooted in tradition.

MARKET IMPACT

The renovation has become a defining project for PLACE architecture:design. One passerby recognized it immediately as a "PLACE project," a testament to the firm's distinctive aesthetic. ACRE contributes to this identity by offering a natural, refined material palette that aligns with their modern design language.

"ACRE adds a natural element to our work that reinforces our aesthetic."

— **PLACE architecture:design**

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