

CASE STUDY

CAPPED POLYMER CLADDING



AZEK[®]
Exteriors

AZEK CLADDING
TIMBERTECH[®] VINTAGE COLLECTION[®]
ENGLISH WALNUT[®]



Architect
Becker Architects

Builder
JAR Corp

Project Location
Highland Park, Illinois

TRADITIONAL NEIGHBORHOOD
WELCOMES MODERN HOME WITH
CLADDING FROM AZEK® EXTERIORS

Highland Park is a well-established and prestigious suburb on the North Shore of Chicago. Most of the homes are traditional in design with classic Georgian, Revival and Prairie architecture. A young family leaving a contemporary condo in the city decided to build a new home in Highland Park but wanted to bring a modern aesthetic to the project while still being good neighbors.





“Real wood doesn’t have the uniformity of finish we needed. Plus, it wouldn’t look good over time with fading and warping.”

Jonathan Rubenstein, JAR Corporation



Richard Becker, AIA of local Becker Architects was hired, “After meeting with the homeowners and reviewing images of design details they liked, we worked with them to create something fresh and contemporary. It was also important this infill design be contextual in massing and not disruptive to the feel of the neighborhood.”

The client initially approached Becker and builder, Jonathan Rubenstein of JAR Corp, with the tropical style inspiration of Ipe wood. The natural materials were beautiful, but both architect and contractor knew it would cause budgeting and maintenance issues—especially in the harsh Midwestern weather.

“Real wood doesn’t have the uniformity of finish we needed,” Rubenstein said. “Plus, it wouldn’t look good over time with fading and warping. I’ve worked with TimberTech AZEK capped polymer PVC materials over several years and we brought



“Our client loved the natural look and warm feel of English Walnut from the TimberTech Vintage Collection”

Richard Becker AIA, Becker Architects

the homeowner some options that were as beautiful as they are durable. I trusted the quality of their products, and I knew they were easy to miter and install. I was also confident that AZEK’s sales team would support it with technical help and great warranties.”

The AZEK sales team gave Becker and Rubenstein several samples to show their client. They also provided technical information and back-up to set realistic expectations to avoid any issues during construction and beyond. The last thing a design/build team wants are surprises.

“Our client loved the natural look and warm feel of the English Walnut from the Vintage Collection. It was rich and natural with a consistent quality of color for an exterior that looked smooth and elegant,” said Becker.

“We used Cortex® fasteners made for AZEK Exteriors to give the cladding on the home a seamless finish with simple, sophisticated lines,” said Rubenstein. “The homeowners were ecstatic and their neighbors were excited to see a new, yet reserved look on the street that provided some welcome variety.”

Contemporary and modern architecture is a growing market for home builders across the country. Sustainable AZEK Exterior solutions give designers, builders and homeowners the creative freedom and low-maintenance quality they deserve to make the most of a fresh, new look.

Learn more about the potential of capped polymer exteriors from an AZEK representative today, or visit: azekexteriors.com/products/cladding.



ARCHITECT: BECKER ARCHITECTS

Full-service award winning Chicago architects designing new construction, rehabs, additions and tenant build-outs.

Becker Architects began in New York City in 1982, designing corporate build-outs, medical offices and residential renovations of apartments and townhouses, primarily in Manhattan. Since the relocation to the Chicago area in 1989, Becker Architects have designed hundreds of projects, from new construction to rehabilitation and additions including: Residential, Auto Dealerships, Commercial.

beckerarchitects.com

BUILDER: JAR CORP

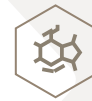
Premier remodelling, decorating and home renovation firm serving the City of Chicago and North Suburbs for the past 19 years.

JAR Corp, Chicago’s premier remodelling and decorating firm, improves all facets of the home through complete renovations, new construction, interior and exterior painting, custom finishes, and maintenance services. JAR’s services extend beyond traditional single task companies resulting in Green construction, eco-friendly remodelling, and environmentally sustainable painting.

jarcorp.net



SCIENCE + TECHNOLOGY



100% SYNTHETIC
Contains no organic materials. Impervious to damage from moisture compared to boards that include or expose wood fillers



WATER RESISTANCE
Resistant to damage from mold, mildew, and rot with advanced surface protection containing no organic material



LIGHTWEIGHT
Up to 30% lighter than competitive materials, including exotic hardwoods



WEATHER RESISTANCE
With Alloy Armour® technology, boards are resistant to UV light and warranted against fading and weathering

SUPERIOR MATERIALS BACKED BY INDUSTRY-LEADING WARRANTIES

With decades of industry experience and dedicated investments into research and testing, AZEK Cladding is backed by the highest performance warranties in the market.



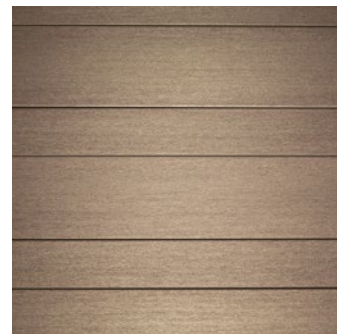
COLOR + SIZE = UNPARALLELED DESIGN OPPORTUNITY

From unique color mixes to one-of-a-kind woodgrain patterns, there are a range of board options and widths for any style. Once installed, homeowners can rest assured that their home will look beautiful for decades to come.



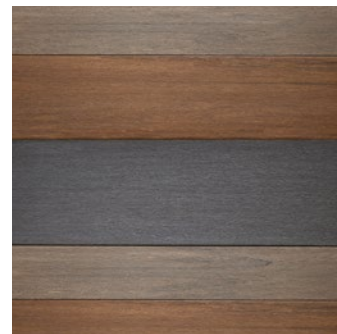
TRADITIONAL

Standard 5.5" boards is a traditional look that goes with any style home. Choosing a uniform size and palette offers a classic facade.



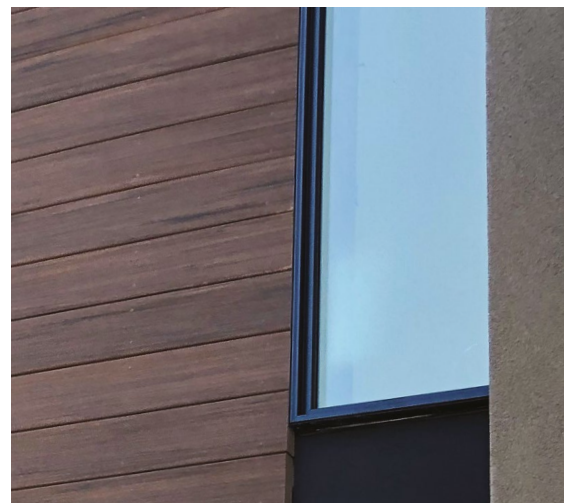
MULTI-WIDTH

Combining board widths creates the opportunity for new patterns on the home's exterior. Open joint includes 3.5", 5.5" and 7.5" widths, while the closed joint is offered in 3.125" and 5.5".



MIX AND MATCH

For a bold look, mix and match colors and widths. For best results work with the Vintage or Harvest collection, but not both.



AZEK CLADDING

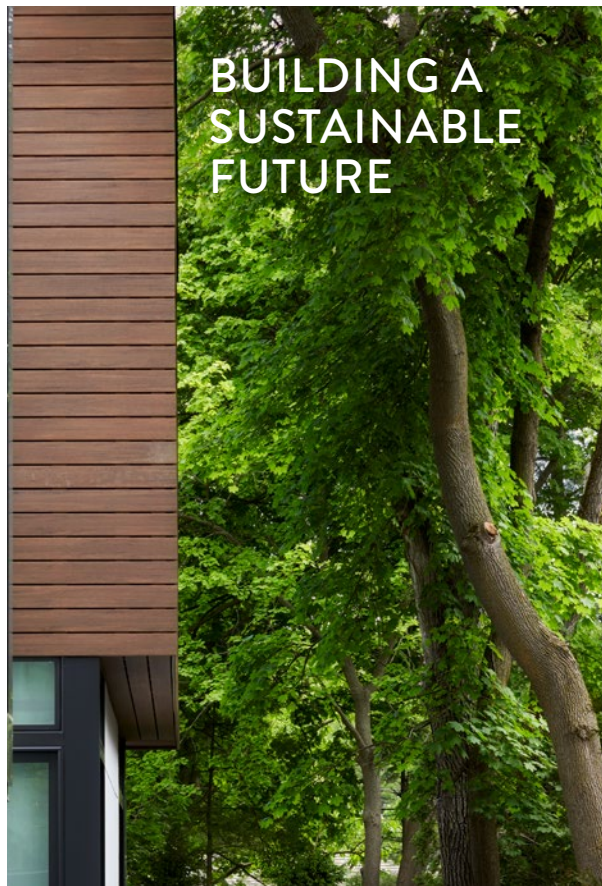
Made completely of synthetic material and capped with Alloy Armour Technology, AZEK Cladding planks maintain their beautiful finish with a long-term, low-maintenance performance. Backed by an industry-leading 50-Year Fade & Stain Limited Warranty, you can achieve unrivaled design and integrity with AZEK Cladding.



STAINED WOOD FOR EXPOSED SEVEN YEARS

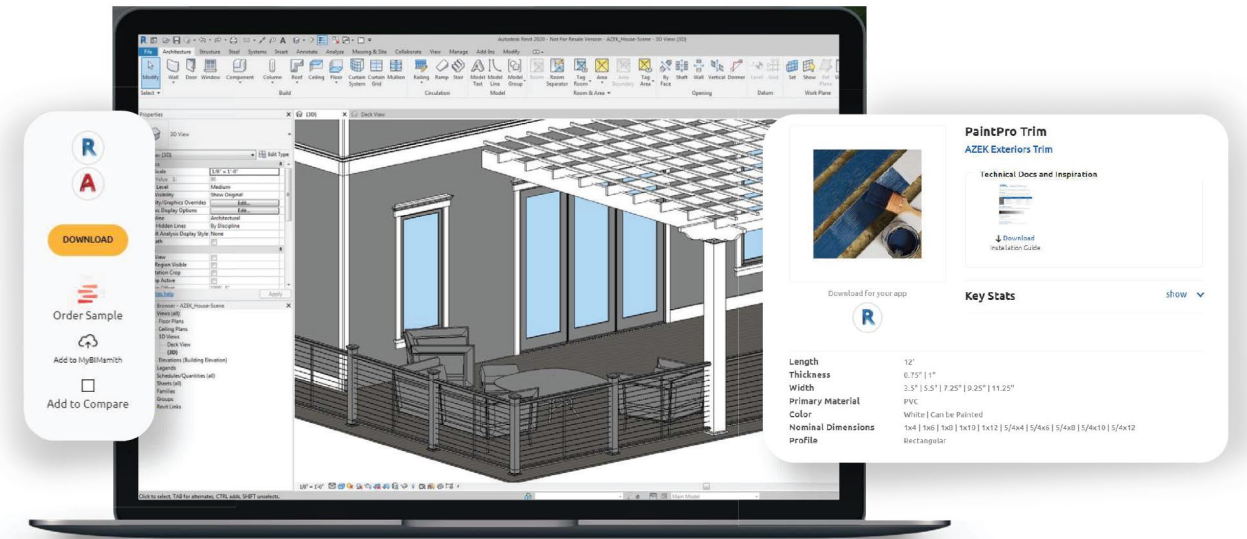
Constant exposure to the elements takes a toll on natural wood cladding. Even premium hardwoods like Ipe will fade to a worn gray color without maintenance. Organic woods can be treated with stains and coatings for additional protection, but still lead to splintering, fading and dimensional changes.

FIND AZEK BIM TOOLS AT BIMSMITH® MARKET



For years, AZEK Building Products has been a leader in recycling and using hard-to-recycle materials in our products. As an industry-leading manufacturer of beautiful, sustainable building products, we divert roughly 290 million pounds of waste and scrap materials from landfills annually. Currently, our capped polymer boards used in both cladding and decking applications are made of up of 54% recycled materials, but we're not stopping there – we're furthering our recycling capabilities every day.

Our capped polymer boards have no organic wood in cap or core assuring no trees were cut down to make these products. AZEK Cladding is engineered for a long, beautiful lifespan which further reduces deforestation as well as time-consuming and costly maintenance.



AZEK Building Products is pleased to provide Revit® content for our premium exterior building products. Get started with AZEK BIM projects today: market.bimsmith.com/AZEK.

- Installation Guides
- Architectural Specification
- Order FREE Samples
- CAD Drawings
- Care and Maintenance
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SUSTAINABLE CLADDING MATERIALS BY THE NUMBERS



WE WOOD NEVER
Homeowners choosing AZEK® Cladding and TimberTech Decking over wood have helped save more than 1 million trees since 2015.



WE GET SCRAPPY
Across the company, we diverted roughly 290 million pounds of waste from landfills in 2019. We also re-use 98% of internal scrap and are 97% landfill-free.



PROOF IS IN THE WATER
Thanks to our closed-loop water filtration system, we recycle up to 96% of the water that our company uses each year.

EARN AIA OR AAA CONTINUING EDUCATION CREDITS



To help architects meet continuing education requirements AZEK sponsors a series of approved courses which are available for free through online courses, in-person presentations and as webinars. To learn more visit: AZEKexteriors.com/aia/courses

High Performing Open Jointed Cladding Systems

Take the AZEK sponsored AIA course that encourages participants to think outside the box and consider using polymer cladding to create residences and buildings that beautifully endure. The course discusses traditional cladding materials, life cycle costs, proper installation, design benefits and finally how the use of polymer cladding can promote health, safety, and welfare of both people and the environment.

Course Credits

- 1 AAA Structured Learning Hour
- 1 AIBD CE Hour
- 1 SAA Core Learning Hour
- AIA HSW/LU CE Hour
- 1 OAA Structured Learning Hour



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