



Building with conscience.

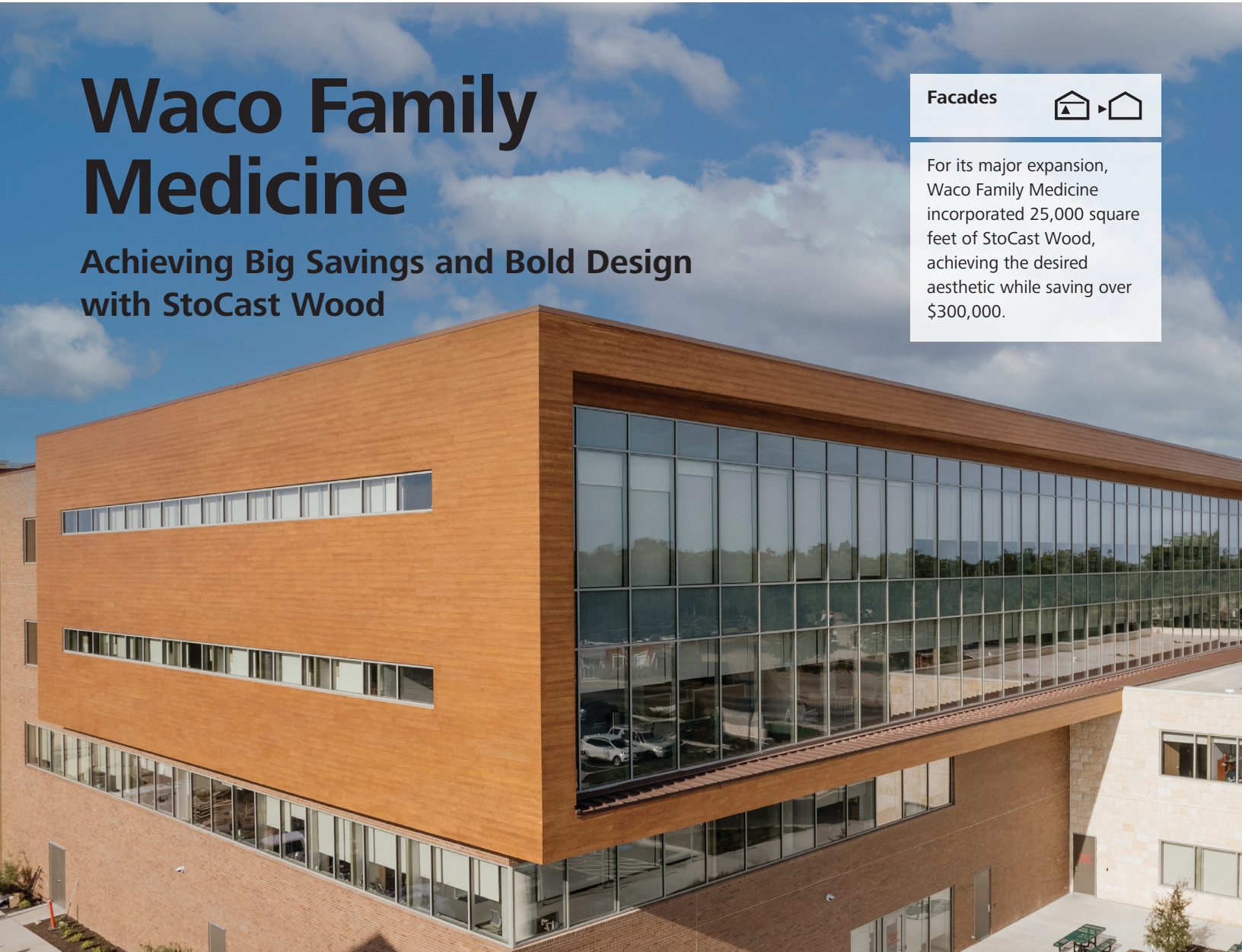
Waco Family Medicine

Achieving Big Savings and Bold Design with StoCast Wood

Facades



For its major expansion, Waco Family Medicine incorporated 25,000 square feet of StoCast Wood, achieving the desired aesthetic while saving over \$300,000.



Sto Products	StoTherm® ci, StoCast Wood
Applicator	Baker Triangle
Architect	HKS Architects, Dallas
Distributor	Cowtown Materials, Inc./GMS
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Innovative Solutions Transform a Major Expansion on a Tight Budget

In 2022, Waco Family Medicine in Waco, Texas, set a major expansion into motion. Architect Michael Malone of HKS drew up plans incorporating a continuous wood plank system on the exterior to create the warm aesthetic envisioned by his client. They then put these plans out to bid. Once the bids started coming in, they quickly realized that this major expansion had a major budget problem as all the bids came back significantly over budget. Beck Group, one of the contractors who presented a bid during the initial round, decided to look for another solution to achieve the building owner's vision and fall within budget. They contacted Kyle Barfield at Baker Triangle, one of Texas's largest and most trusted applicators, to see if he could help.

Introducing Something New in the Lone Star State

Barfield had worked with numerous wood plank products and virtually every manufacturer. Having used Sto's products for over a decade, he knew they were of exceptional quality and equally as important, had a great sales and support team. So, he reached out to Kyle Lilly, a Sto Field Sales Representative with whom he had collaborated in the past. Lilly shared news of a new product that hadn't been used in Texas yet: StoCast Wood.

"I couldn't have pulled this off without Kyle Lilly at Sto. Their Field Sales Reps are so responsive! Anytime there's an issue on a project, they are there on-site fast to help resolve it."

Kyle Barfield | Baker Triangle

StoCast Wood is a prefabricated resin-cast product that can be applied to a variety of cladding system to deliver a natural wood aesthetic. While the product was gaining traction nationally, the fact that it had never been used on a project in Texas meant the architect and owner couldn't see an installation firsthand. To solve this, Barfield installed a 5' x 4' mockup wall, including a soffit and fascia transition, and invited the general contractor, architect, and building owner to see the product in person. The meeting was scheduled for March 2022. If StoCast Wood were chosen, the cost savings alone would be 20 – 25% per square foot compared to other proposals.

The Mockup Captures the Imagination, Wins the Project

The architect and owner were impressed with the mockup and loved the product! But they still had questions. What about the warranty? Would the product require frequent recoating? They wondered if this new product required more maintenance. It didn't. Furthermore, the entire system would be covered under a single warranty, as the StoTherm ci continuous insulation wall system was specified as the building enclosure system under StoCast Wood. This was a significant improvement over the earlier bids, which required multiple warranties – one for the rainscreen and another for the wood plank system.

Two days after the meeting, the project was approved. Work began in October of that year.

"I couldn't have pulled this off without Kyle Lilly at Sto. Their Field Sales Reps are so responsive! Anytime there's an issue on a project, they are there on-site fast to help resolve it," added Kyle Barfield of Baker Triangle.



A State-of-the-Art Air and Water-Resistive Barrier System

Unlike StoCast Wood, StoTherm® ci—the building envelope system specified in the new bid—is not new. It is a tested and proven EIFS with drainage and continuous insulation. It is a high-performance, energy-efficient wall system that integrates StoGuard® air and water-resistive barrier, EPS insulation, and drainage.

“The resin planks (StoCast Wood) are a unique way of achieving the wood look and allowing someone to select, essentially, any color stain they could want for the finish color.”

Michael Malone | Architect | HKS Architects, Dallas

Once the StoTherm ci system was installed, the StoCast Wood would be applied directly over it. Using a notched trowel, Baker Triangle began by applying StoCast Wood Adhesive, a one-component adhesive used to install StoCast Wood in Sto engineered walls systems and over prepared vertical above-grade concrete, concrete masonry (CMU), stucco walls, ceilings, and soffits. They then laid the 6”x6’ StoCast Wood planks, which are lightweight, flexible, and available in forty-five wood grain patterns.

The Perfect Finish

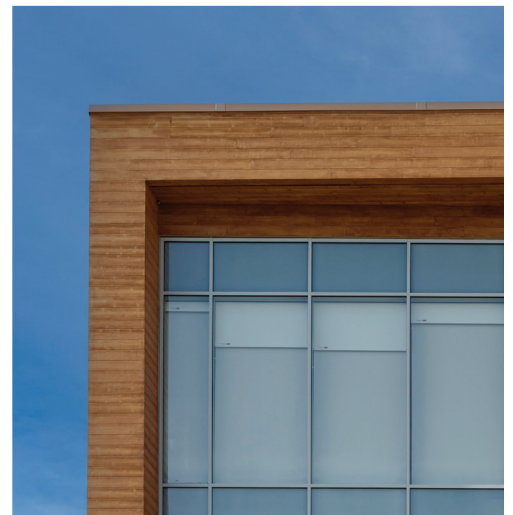
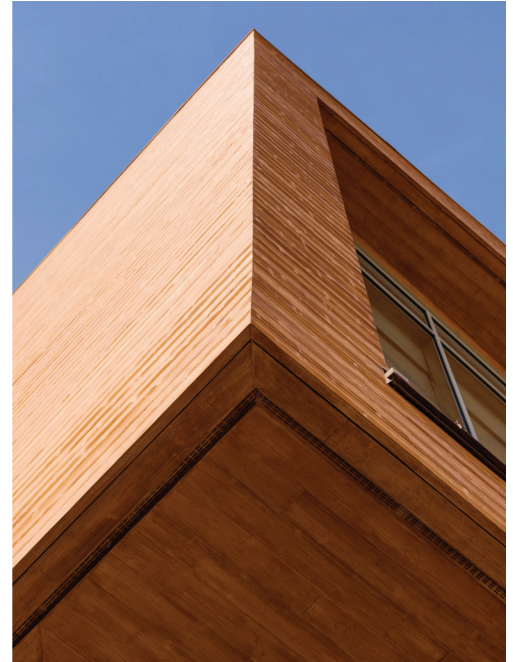
Over 15,000 sq. ft. of StoCast Wood was installed on the building’s exterior. Once the planks were in place, StoColor® Wood Stain in Alder was applied, giving the surface a natural wood appearance with a soft, matte finish. The stain perfectly complemented the building’s design and enhanced the warmth and texture of StoCast Wood.

“The resin planks (StoCast Wood) are a unique way of achieving the wood look and allowing someone to select, essentially, any color stain they could want for the finish color. That combined with its upfront cost becomes hard to argue with when we are talking about construction cost,” commented Michael Malone, the architect.

Once the installation was complete, the client was thrilled with the results. They were so pleased they decided to integrate StoCast Wood into the interior of the building as well. They ordered an additional 2,100 square feet of product to be used throughout the building entry.

Ultimately, the project team delivered a fully engineered and tested assembly with a beautiful wood aesthetic for the cladding. Best of all, they saved the client over \$300,000 on the project. What began as an over-budget project was brought under budget and achieved the desired design vision.

The success of this project demonstrated the versatility and value of StoCast Wood as a solution for creating high-end designs while maintaining cost efficiency. Waco Family Medicine now boasts an exterior and interior that reflects the warmth and professionalism of its services, all while staying on budget and on schedule—an achievement that will serve as a model for the future of projects in the region.

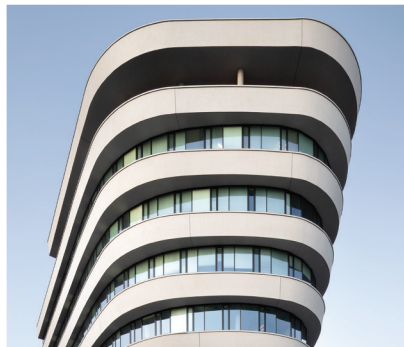
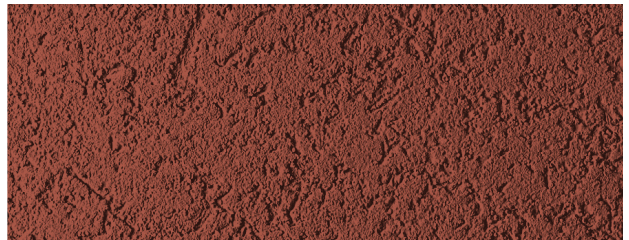


The Confidence to Follow Your Vision

Inspiration favors the open mind. Sto allows your creative exploration to take you anywhere. Our proven products give you the unmatched freedom and ability to achieve your vision in any color, any form, any texture and any material.

Combining innovative design and high-level performance, StoTherm ci offers a unique approach to wall system installation. These fully engineered systems provide unmatched versatility with an array of design options that include unique textures, colors, shapes, and materials to suit any creative vision. With StoTherm ci, you get innovative products, forward-thinking design, and durable performance that surpasses your expectations. Rest assured, Sto is there wherever your inspiration leads.

Creativity Begins. **Sto Finishes.**®



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