



MiTek Joins Hanley Wood, KB Home, and ENTEKRA to Implement Advanced Off-Site Framing in the KB Home Projekt

KB Home Projekt Demonstrates Advanced Technology and Processes to Dramatically Reduce Building Cycle Time and Deliver Precision Quality

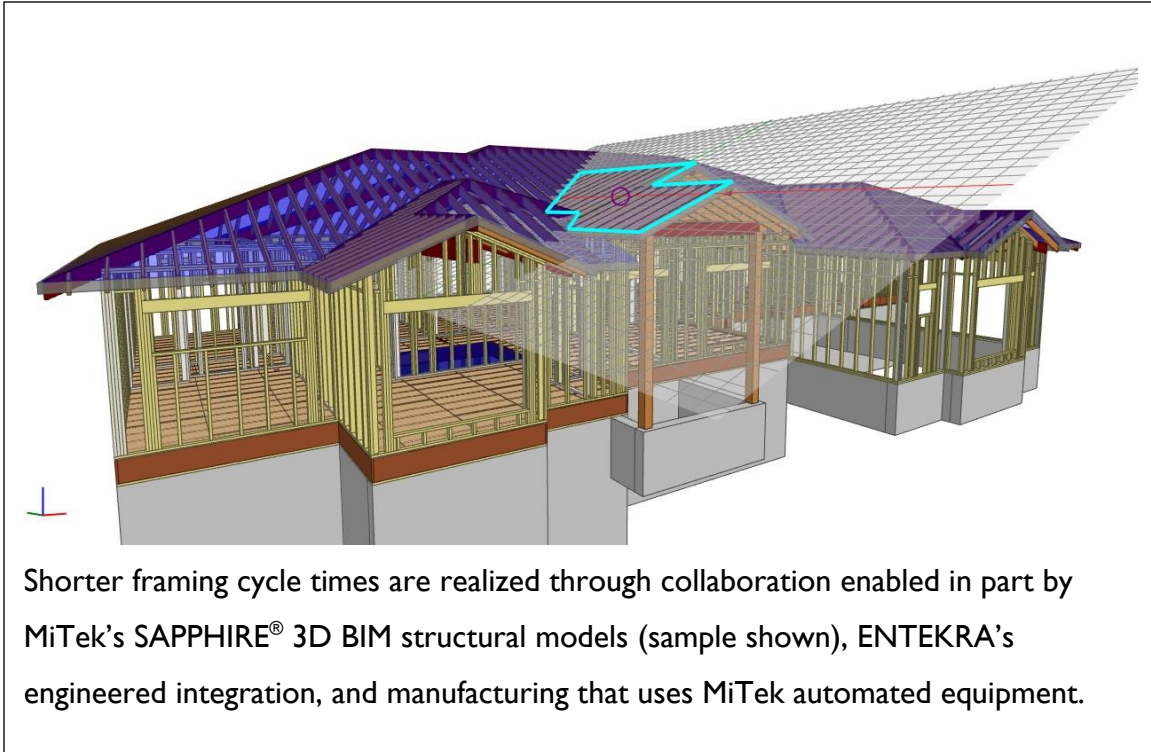
CHESTERFIELD, MO – November 13, 2018 – MiTek® Industries, a [Berkshire Hathaway](#) company is a sponsor and participant in the 2019 BUILDER Concept Home in Henderson, NV, called KB Home Projekt: *Where Tomorrow Lives*.

KB Home Projekt: Where Tomorrow Lives is a forward-looking concept home that breaks new ground in homebuilding through innovative partnerships. It is led by KB Home, the industry leader in sustainability and innovation. With a solid conviction that the best way to predict the future is to create it, the Projekt team aims to re-envision the homebuyer's experience of home and community. Projekt represents the ultimate exploration of health, wellness, attainability and sustainability in a volume homebuilding framework. This best-in-class home will be revealed January 2019 at Inspirada in Las Vegas.



KB Home Projekt: *Where Tomorrow Lives* (shown) represents the ultimate exploration of health, wellness, attainability and sustainability in a volume homebuilding framework. The off-site construction framing process of this KB Home Projekt incorporates advanced panelized framing, 3D-modeled, and is enabled in part by MiTek's SAPPHIRE® software solutions.

The off-site construction framing process of this KB Home Projekt incorporates 3D-modeled and advanced panelized framing. Using a highly collaborative approach, the design and construction teams accounted for all the framing details, as well as the MEP placement and HVAC optimization in the building process. Overall, KB Home Projekt demonstrates the viability of a highly accelerated construction pace when moving from "dirt to dry-in."



Shorter framing cycle times are realized through collaboration enabled in part by MiTek's SAPPHIRE® 3D BIM structural models (sample shown), ENTEKRA's engineered integration, and manufacturing that uses MiTek automated equipment.

The dramatic shortening of traditional home framing cycle times is only possible through a truly collaborative effort across all disciplines. This is enabled in part by MiTek's SAPPHIRE® suite of 3D structural component design and manufacturing software, [ENTEKRA's](#) engineered integration, and manufacturing by [Better Built Truss](#) and [Desert Truss](#) using MiTek automated truss manufacturing equipment.

Additionally, MiTek's SAPPHIRE *Build* Portal provided a central digital repository to track and maintain version control of documents and plans associated with the KB Home Projekt. MiTek's [Hardy Frame®](#) and [USP® Structural Connectors](#) are featured as well, and MiTek's Wrightsoft Corporation's [Production Home Design Service Group](#) created the optimized HVAC system design to optimize the home's comfort, efficiency, and indoor air quality. MiTek's SAPPHIRE structural BIM model of the home was also central to Wrightsoft's design for the highly efficient system and its layout.

About the KB Home Projekt

The KB Home Projekt: *Where Tomorrow Lives* home will be revealed in the Inspirada master-planned community in Henderson, Nevada in January 2019. Visit www.builderonline.com/kbhomeprojekt to stay up-to-date with the KB Home Projekt developments.

For this concept home, ENTEKRA coordinated the off-site integration process, and facilitated the panelized design, truss engineering, and construction logistics of the floor, roof, and wall panel components. Truss and panel design and manufacturing were enabled by MiTek's SAPPHIRE design and process-management software solutions, which also drive MiTek's automated equipment to create the final structural components.

"This home demonstrated how currently-available technologies can be pushed to high levels, and still be an efficient solution in homes of any size. Off-site design and framing methods like this, coupled with the cycle-time reduction they create, are key to solving the continuing framing labor shortage and the lack of new housing," said Gregg Renner, MiTek's Senior Vice President, Global Residential Marketing. "MiTek's technology, featuring the 3D structural framing software and automated manufacturing, integrates the off-site process from design all the way through to the manufacturing and final jobsite assembly of the framing. This project is a strong example of all of that at work, and MiTek couldn't be happier to be a key player with this great team and this project."

About ENTEKRA

ENTEKRA™ is a California-based design, engineering, and manufacturing company that provides a fully integrated off-site solution (FIOSS™) for both residential and commercial construction. Learn more: <http://www.entekra.com/>

About MiTek Industries

MiTek Industries is a diversified global supplier of software, engineered products, services, and equipment to the residential, commercial, and industrial, construction sectors. MiTek Industries' passion for our associates' well-being and for our customers' success is the company's hallmark. A Berkshire Hathaway company (NYSE: [brk-a](#), NYSE: [brk-b](#)) since 2001, the Company has operations in more than 40 countries on six continents. Learn more: www.Mii.com

About KB Home

KB Home ([NYSE: KBH](#)) is one of the largest homebuilders in the United States, with more than 600,000 homes delivered since its founding in 1957. KB Home operates in 35 markets in 7 states, primarily serving first-time and first move-up homebuyers, as well as active adults. KB Home is differentiated in offering customers the ability to personalize what they value most in their home, from choosing their lot, floor plan, and exterior, to selecting design and décor choices in our KB Home Studios. In addition, KB Home is an industry leader in sustainability, building innovative and highly energy- and water-efficient homes. KB Home invites you to learn more by visiting www.kbhome.com, calling 888-KB-HOMES, or connecting on [Facebook.com/KBHome](https://www.facebook.com/KBHome) or [Twitter.com/KBHome](https://twitter.com/KBHome).

About Wrightsoft

Founded in 1985, [Wrightsoft](http://www.Wrightsoft.com) provides Air Conditioning Contractors of America ([ACCA](http://www.ACCA.org))-approved software that combines residential and commercial energy load calculation with design functionality in a single, proprietary program known as Right-Suite Universal®. This technology allows the HVAC contractor to properly calculate energy loads, accurately design and size HVAC systems, efficiently produce parts takeoff lists and proposals, and generate all necessary professional documentation and reports. Learn more:

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Media Contact:

John D. Wagner

919.796.9984

Jdwagner@WagnerPR.com