



Precast Concrete Foundation Walls Installation in Action



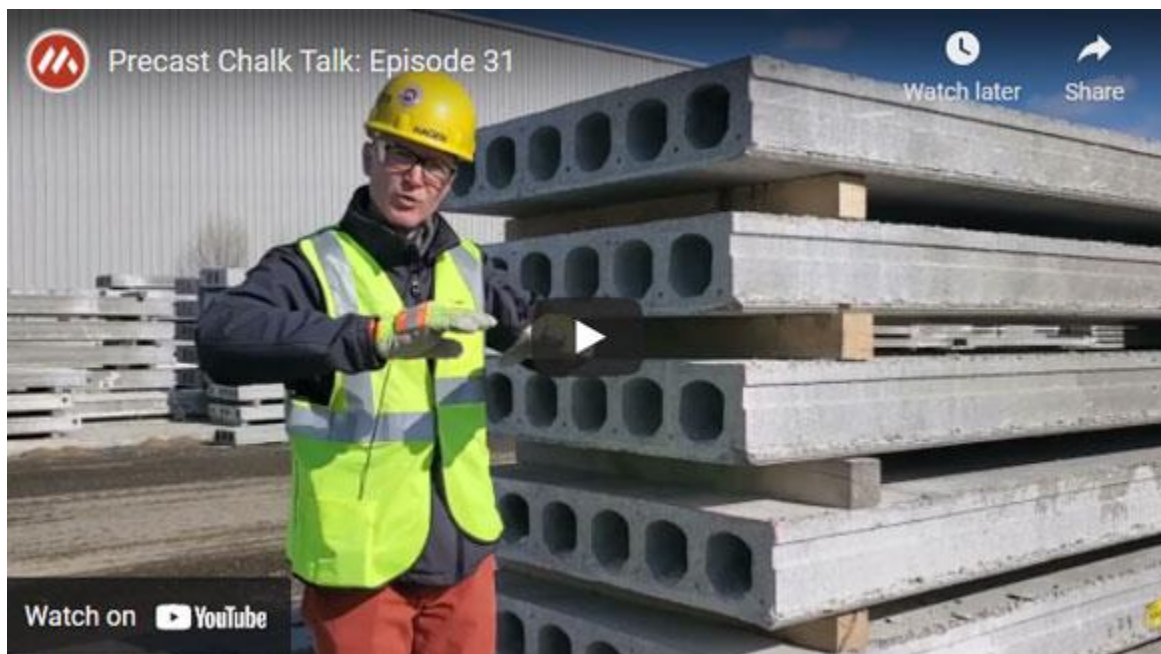
With a precast system of foundation walls, beams, columns, and hollowcore you get a complete structural system to support even the heaviest of loads. Foundation wall panels hold back the earth creating a hole in the ground for usable space, like for a parking garage.

The two biggest reasons customers turn to precast foundation walls are speed and schedule. Our foundation walls are manufactured at our plant in South Beloit on a steel bed with side rails to create the edges. They are manufactured with steel reinforcing.

Once finished, they are stored in our yard, ready for shipping to the job site and can be installed in all weather conditions. Trucks bring the pieces to the site where they are installed with a crane. There is a welded connection from the base of the panels to the concrete footings and the panels are connected together with a welded connection. Once the panels are installed, the interior and exterior joints are caulked.

[Learn more >>](#)

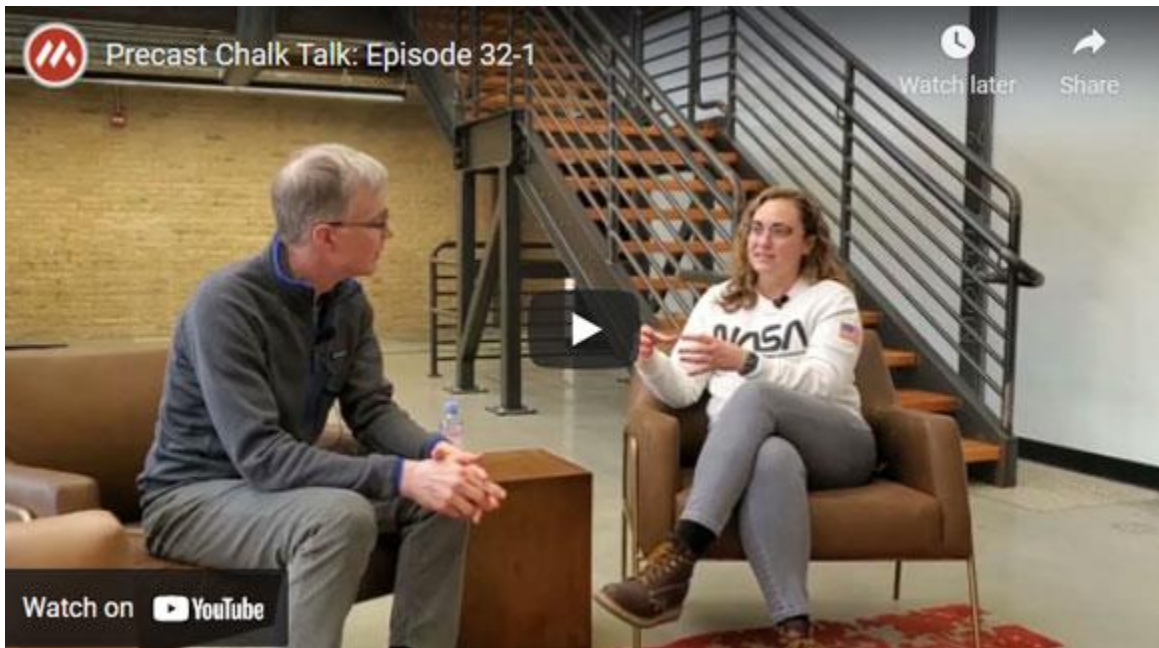
Precast Chalk Talk: Episode 31



In this episode of **Precast Chalk Talk** President Hagen Harker discusses our most versatile product - [hollowcore](#).

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Precast Chalk Talk: Episode 32-1



In this episode of **Precast Chalk Talk** President Hagen Harker talks with Director of Human Resources Hannah Martensen about [job openings](#) at Mid-States Concrete.

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Precast Chalk Talk: Episode 32-2



In this episode of **Precast Chalk Talk** President Hagen Harker talks with some of our newest team members about what it's like to [work](#) at Mid-States.

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Precast Concrete Sustainability: The Building Envelope

Due to its density, concrete has the capacity to absorb and store large quantities of heat, contributing to a high-performance building envelope. Its thermal mass allows concrete to react very slowly to changes in outside temperature to reduce peak heating and cooling loads and delay the time at which these loads occur. The resulting savings can be significant - up to 25% of heating and cooling costs.



Thermal mass and energy savings

ASHRAE STANDARD 90.1 acknowledges the thermal mass benefits of concrete walls in specifying lower minimum insulation R-value and higher maximum wall U-factors for mass (concrete) wall construction.

Research conducted by Oak Ridge National Laboratory compared the dynamic thermal performance of insulated concrete walls with that of a traditional wood frame. Research shows that insulated concrete sandwich walls constructed with composite connector technology utilize the thermal mass effects of concrete to create an “equivalent wall performance R-value” several times greater than a traditional material R-value calculation.

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Mark Your Calendar: Kids Building Wisconsin Saturday, May 14: 9 am - 3 pm



Kids Building Wisconsin is a free, fun, and educational kids event centered around the construction industry. Mid-States will once again have a display booth at the event.

Visit Mid-States and let your kids "leave their mark" on the construction industry by putting their painted handprint on a piece of precast concrete.

[Register to attend today >>](#)



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