

HOLLOWCORE PLANK

Residential Market

Built For Creativity.
Built For Life.

With Hollowcore, the spans are longer,
ceilings are higher and rooms are quieter.



GO FURTHER

with Hollowcore

NO OTHER CONSTRUCTION MATERIAL RIVALS the durability, security and practicality of Oldcastle Infrastructure Hollowcore plank. Our technology allows you to push what's possible, whether it's creating entire rooms and buildings from scratch, adding architectural flair to an existing structure or creating more space without additional real estate. Hollowcore plank is frequently used in residential, commercial, industrial, and institutional applications and is available with a variety of finishes for both roof and floor applications. The long, clear spans create column-free interior spaces for garage, pool, cellar, shop, storage or living areas.

The best part—as you're pushing the envelope, our team of experts will be offering guidance every step of the way. The finished product is pristine and the process is clear and efficient.

Start building with Hollowcore today

5 EASY STEPS

1 PROVIDE PROJECT PLANS AND LOCATION

Provide a plan showing the dimensions of your project, the type and thickness of bearing walls, the size and location of any beams and especially the size and locations of the openings. Advise our team of any problems that could affect crane and truck access. We will then develop an estimate for your use.

2 WE PROVIDE YOU WITH AN ESTIMATE

When you place your order, provide a schedule and final plans with a map locating your project. We will prepare and submit erection drawings for your approval showing your plank layout with dimensions and details.

3 YOU REVIEW AND APPROVE

Completely review and check all dimensions and details on the drawing submittal. Mark any changes and discrepancies, return promptly and note with your signature: "approved", "approved as noted" or "revise and resubmit". Your project will not be manufactured until your written approval is received.

4 PRODUCTION BEGINS

Confirm the delivery/installation schedule requirements. Take into consideration that concrete and masonry walls require curing time prior to plank erection.

5 YOUR PLANKS ARE DELIVERED AND INSTALLED

A mobile crane and experienced erection crew hoist the plank from a truck's flatbed-trailer, place them directly on the supporting structure and make all necessary plank-to-wall connections.

CONSTRUCTION REIMAGINED

Hollowcore planks are manufactured in standard depths of 8", 10", 12" and 16" and can be sawed to specific lengths for each project. This allows for clear spans up to 50'. Each plank is produced in our state-of-the-art, PCI certified manufacturing facility using high-strength concrete and strand. For more information about installing insulation or radiant heat, incorporating drainage systems or any other site-specific considerations, please contact an Oldcastle Infrastructure representative or request our comprehensive Hollowcore plank pocket guide.



WORRY LESS

Provide project plans and location, and our team provides you with an estimate and additional considerations. Once you review and approve, construction begins.



BUILD WITH CONFIDENCE

Resistant to termites, rot, mold and weather, with a minimum 11/2-hour fire rating. Design and load criteria equal or exceed the requirements of applicable ASTM specifications.



DREAM BIGGER

Compatible with standard construction materials such as concrete, steel, and masonry to extend project possibilities.



BREAK FREE

Unsurpassed for its ability to provide clear spans and open, column-free interior spaces.



SPEED UP CONSTRUCTION

Installation process takes less than a day.



ENJOY IN PEACE

Unique design makes Hollowcore resistant to high levels of sound transmission.

FREQUENTLY ASKED QUESTIONS

HOW MUCH DOES HOLLOWCORE PLANK COST?

Hollowcore is an engineered product and each project has its unique design requirements that have to be met to achieve a proper design. Contact an Oldcastle Infrastructure representative for pricing and assistance with your initial design and budget.

WHO CAN INSTALL HOLLOWCORE PLANK?

Oldcastle Infrastructure takes great pride in the professional installation provided by our construction crews. You can, however, have the plank installed by an experienced construction or rigging crew. Plank generally weighs in excess of 6,000 pounds, so this will require special lifting and installation equipment.

HOW IS THE SURFACE FINISHED?

Hollowcore plank can be finished with a 2" concrete topping. A water-proofing membrane is recommended to be installed on top of the plank prior to placement of concrete topping.

HOW IS THE PLANK DEPTH DETERMINED?

The plank depth is determined based on design load requirements, clean span and other engineering parameters. The most common plank depths used for residential garages are 8" for spans up to 30'.

HOW ARE OPENINGS IN THE PLANK DESIGNED?

Most core drilled openings can be done with minimal impact to the plank's structural design which offers a very flexible layout. Larger saw cut openings are possible but will need to be reviewed prior to cutting by the Oldcastle Infrastructure Engineering Department.



www.oldcastleinfrastructure.com

(518) 767-2116