So, Why Concrete Plank?

Concrete plank has become a popular option for steel-framed residential construction where low floor-to-floor heights are important. Already utilized on many staggered-truss projects, plank also is used with conventional steel framing, Girder-Slab™, and in systems with castellated or cellular members. Planks are well-suited to the 25’-30’ spans common in apartment building and hotel room layouts. And because they can be lined up with the walls or fit between the chords of a steel beam, they help minimize floor-to-floor heights. The combination of steel framing with concrete plank creates a system with rapid erection speed. And since there are no wet trades involved, construction can proceed throughout the winter months—even in northern climates. —Editor

<table>
<thead>
<tr>
<th>Company</th>
<th>Product Description</th>
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<tr>
<td>Cement Industries, Inc.</td>
<td>Manufactures and installs Spancrete hollow-core plank used in the construction of condominiums, schools, hotels, parking garages, stadiums, warehouses, bridge decks, and many other projects.</td>
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<tr>
<td>Coreslab Structures (Atlanta), Inc.</td>
<td>Coreslab Structures Atlanta is a supplier of hollow-core slabs for floor and roof systems. They serve the southeastern states and specialize in hotels/motels, dormitories, military housing, detention and justice facilities, manufacturing buildings, schools and universities, and water treatment facilities. Coreslab also has an in-house engineering and erection staff.</td>
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<td>Coreslab Structures (Orlando), Inc.</td>
<td>Manufacturers of 4”, 6”, 8” and 10” hollow-core slabs for use in elevated floors and roofs, mezzanines, and parking decks.</td>
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<td>Eagle Precast Company</td>
<td>Fabricates 8”- and 12”-thick by 8’-wide Spandeck brand hollow-core plank.</td>
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<td>Fintech Precast, Inc.</td>
<td>Produces precast concrete wall panels and floor planks. Fintech offers both traditional wet cast and prestressed dry cast panels and planks for a large variety of building types including schools, retail stores, warehouses, supermarkets and discount stores, offices, churches, theaters, and more. Fintech serves southern Oregon, California, and western Nevada and provides in-house engineering and erection construction.</td>
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<td>Gate Concrete Products Company (Florida)</td>
<td>Produces a full line of prestressed and precast concrete products and serves the southeast United States. Included are 4”, 6”, 8”, 10”, 12”, and 16” hollow-core plank. Gate produces over 2,000,000 sq. ft. of plank yearly.</td>
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<td>Gate Concrete Products Company (Texas)</td>
<td>Produces Gate-Core prestressed hollow-core slabs in depths of 4”, 6”, 8”, 10”, and 12” and is capable of spanning a distance of 40’ and supporting 100 lbs per sq. ft. Gate-Core is used as floor and roof units for hotels, motels, dormitories, apartments, prisons, jails, and military housing.</td>
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<tr>
<td>Gate Precast Company (North Carolina)</td>
<td>Produces Gate-Core prestressed hollow-core slabs, which come in various depths and are used as floor and roof units for hotels, motels, dormitories, apartments, prisons, jails, and military housing.</td>
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<td>Iowa Prestressed Concrete</td>
<td>Hollow-core plank in 8”, 10”, and 12” depths, 4’-0” wide.</td>
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<td>Kerstra/Spancrete Great Lakes</td>
<td>Produces and erects hollow-core plank products in the Great Lakes region. Kerstra/Spancrete Great Lakes has a design and engineering team available for assistance in building projects.</td>
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<td><strong>Mid-States Concrete Products Co.</strong>&lt;br&gt;www.MidStatesConcrete.com&lt;br&gt;800.236.1072</td>
<td>Providing precast building solutions to the Midwest construction market since 1946. Manufactures and installs precast columns, beams, balconies, Flexicore prestressed concrete slabs, and 4'-wide extruded hollow-core elements, as well as structural wall elements.</td>
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<td><strong>Molin Concrete Products</strong>&lt;br&gt;www.molin.com&lt;br&gt;651.786.7722</td>
<td>A Precast Concrete Institute(PCI)-certified facility that manufactures and installs 6&quot;, 8&quot;, 10&quot;, 12&quot;, and 16&quot; hollow-core. Molin also produces prestressed beams, columns, stadia, and solid precast foundation walls. Producing more than 3 million sq. ft of hollow core per year, Molin has been supplying precast/prestressed products for multi-housing, hotels, motels, hospitals, schools, government buildings, and manufacturing facilities for more than 50 years in the Midwest. With a full-service drafting and engineering department, Molin offers value engineering and design-build support.</td>
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<td><strong>Nitterhouse Concrete Products, Inc.</strong>&lt;br&gt;www.nitterhouse.com&lt;br&gt;717.267.4505</td>
<td>8&quot; x 4' and 12&quot; x 4' hollow-core plank produced with normal weight, high-strength (5,000 psi minimum) concrete. Provides a finished ceiling that can be used as-installed or painted. Needs minimal concrete topping/leveling coat for smooth floor finishes. For carpeting, joints can be feathered with grout for application of 48 oz. pad and carpet. Can be drilled or shot to install electrical fixtures and HVAC. (A PCI-certified plant.)</td>
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<td><strong>Rinker Materials</strong>&lt;br&gt;www.rinkerprestress.com&lt;br&gt;800.840.5847</td>
<td>Rinker Materials produces 8”-thick hollow-core slabs in 4’ to 8’ sections, depending on the producing plant capabilities. Contact the plant nearest you for product availability.</td>
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<td><strong>The Spancrete Group, Inc.</strong>&lt;br&gt;www.spancrete.com&lt;br&gt;414.290.9000</td>
<td>One of the Midwest’s largest suppliers of precast concrete, and a manufacturer of precast concrete products and equipment. Offers multi-product capabilities at all of its precast PCI-certified facilities. Manufactures hollow-core wall panels and plank, beams, columns, tees, wall panels, girders, stairs, sound walls, and customized architectural products. Offers full budgeting, engineering, and design/build services.</td>
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<td><strong>Strescore, Inc.</strong>&lt;br&gt;www.strescore.com&lt;br&gt;574.233.1117</td>
<td>Strescore provides precast/prestressed hollow-core panels.</td>
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<td><strong>Stresscon Corporation</strong>&lt;br&gt;www.stresscon.com&lt;br&gt;719.390.5041</td>
<td>Stresscon Corporation, founded in 1967, fabricates and erects prestressed hollow-core deck members.</td>
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<td><strong>Tulsa Dynaspan</strong>&lt;br&gt;www.dynaspan.com&lt;br&gt;918.258.1549</td>
<td>Tulsa Dynaspan, Inc. (TDI) produces precast/prestressed hollow-core plank at its 46-acre manufacturing site.</td>
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