



fritzall
experience innovation

RESIDENTIAL PRECAST

STRENGTH. DURABILITY. STYLE.

Concrete is the most widely used construction product in the world. It is known for having outstanding compressive and tensile strength when engineered to work with reinforcements such as rebar and pre/post tensioning cables or fibres. With a vast number of mix designs, chemical or mineral admixtures and blended cement options to help the product perform; architects, developers and engineers can achieve incredible results in building construction and design. Whether the aim is to produce a visually stunning and complex moulding for a façade, a cost-effective structure to carry significant loads or a specific climate requirement; precast concrete is the product for you.

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Worldwide, the precast industry is forecast to be a USD 58.7B industry by 2022.

The precast industry is growing rapidly and constantly adapting and improving to exceed expectations. Architects that may have preferred brick, block, or other forms of construction can now replicate their signature aesthetics at a faster pace of construction and with added safety measures for the construction crews.

Precast provides a key construction advantage particularly in countries such as Canada where temperature swings and freezing conditions can limit the number of viable construction hours available each year. Installation can be performed all year long.



YOUR PROJECT

Because no two precast projects are the same, you need a precaster with significant experience in the specialized areas of fabrication, *and* installation. Fritzall has been doing exactly that for forty years in Ontario. Working with some of the most prominent designers and meeting the requirements of the most exacting customers.

By the time your panels reach the site for assembly they have been through a grueling quality control process to ensure accurate fit and performance. This attitude to achieving excellence is continued on-site with our construction crews.

TRUST FRITZALL TO DELIVER INNOVATIVE RESIDENTIAL PRECAST CONCRETE SOLUTIONS.

WHY CHOOSE FRITZALL PRECAST?

- Durability
- Superior Strength
- Cost-effective / Economical
- Sustainable
- Minimal waste
- Year-round construction
- Long life-span
- Fire-proof
- Sound-proof
- Insulating
- Unlimited design potential
- Fritzall ensures the most efficient design for your budget
- Quality assurance; all projects are engineered and authenticated by CSA standards
- Consistency; whether you require one panel, or several hundred square feet of panels, we ensure colour, texture and finish are consistent
- Ease of modular construction; a revolutionary shift in the time it takes to construct a building

Our high performance concrete is formed, poured and cured in a strict, quality controlled environment. Our tolerance control and forming accuracy are vastly superior to poured in place concrete. We eliminate adverse curing elements (such as exposure to sun, wind, rain, and temperature swings) to ensure our product is a strong and lasting choice for your project.

R-25 | **57**
INSULATION RATING | STC RATING
8,000
PSI

TECHNICAL SPECS

Our insulated panels are available rated up to **R-25**, with a Sound Transmission Coefficient (**STC**) rating of **57**. The concrete averages over **55 MPA (8,000 PSI)** in terms of compressive strength at 28 days.

With 40 years and hundreds of construction projects behind us, we are up for the challenge of finding the right engineered specifications to suit your project.

WE SPECIALIZE IN

- Columns and beams
- Shear walls
- Sandwich walls (insulated double-wall panels)
- Elevator shaft panels
- Stairwell wall panels
- Architectural and structural panels

All panels can be custom built to include sills, reveals, pockets and trenching for mechanical or electrical items.



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AESTHETICS

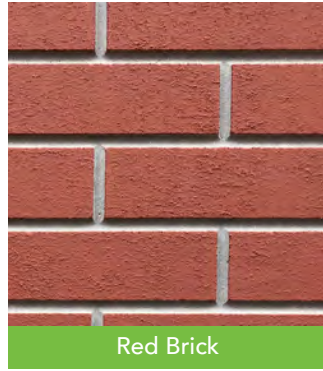
Along with recent shifts in mix design, perhaps one of the greatest improvements to precast concrete in current years comes in the form of how it looks.

In addition to traditional concrete finishes, Fritzall can create ribbed panels, reveals, exposed aggregate, sandblast, acid etch and pigments in the concrete; or thin bricks or blocks at the surface of the panel - there are thousands of finishes now available through the use of form liners. Want a wood, brick, or stone building with all the fantastic qualities of concrete? We can create that for you!

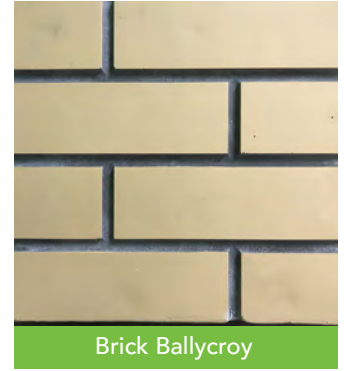
If you decide to stain the concrete, lengthy warranties are available to give you peace of mind.



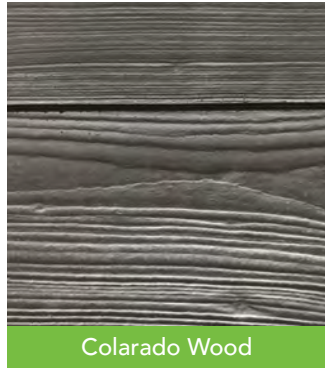
Sundance Po Brick



Red Brick



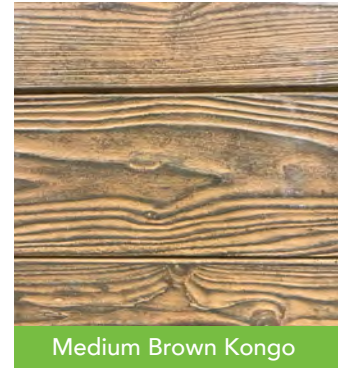
Brick Ballycroy



Colorado Wood



Light Wood Ship Lap



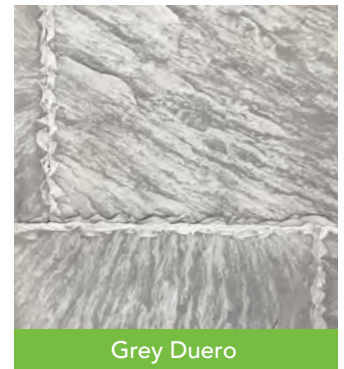
Medium Brown Kongo



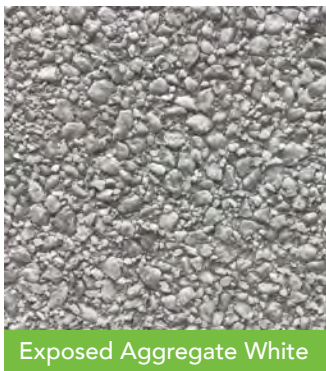
Two-tone Grey Stacked Stone



Rustic Block



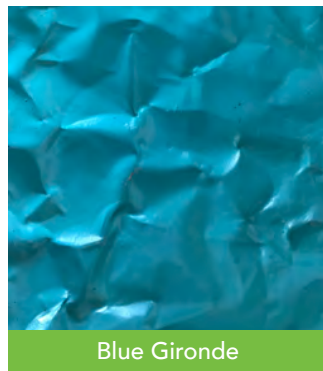
Grey Duero



Exposed Aggregate White



Grey Flute



Blue Gironde



Red Nil



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