



fritzall

experience innovation

AGRICULTURAL 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.

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.

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.



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. 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 AGRICULTURAL PRECAST CONCRETE SOLUTIONS.

EXPERIENCE INNOVATION



Fritzall was initially created to serve the Agriculture industry. We understand that farmers require long lasting products and with this in mind, strength and durability are key features of our slats, walls and other custom products.

Our premium quality slats are built to last, designed to be superior to the industry standards, and will outlast anything currently on the market in terms of durability, non-slip tread profile and resistance to

general wear and tear. A solid 6" profile throughout ensures that CSA requirements for the concrete cover of reinforcements is adhered to, and guarantees a uniformly deeper, stronger slat.

We understand that slats need to stay clean to help eliminate pathogens. They need to be dry, with smooth edges to increase animal comfort, and ultimately reduce stress – a major factor in carcass damage. All slat openings are ground to ensure a consistent smooth edge, with an opening to allow manure to fall efficiently to below ground storage until required. Our slats are maintenance free, and feature tapered edges and a modular design for ease of installation, resulting in less on-site errors and less costly delays.

We use high quality semi-drycast concrete, supplemented with silica fume to resist corrosive properties of the environment. Our slats are poured face down, so that the non-slip tread pattern is a focal point, curing with the best possible consolidation of materials at the face, making this the strongest and most durable part of the slat. The concrete exceeds rating tests and at 28 days curing is over 8,700psi (60 MPA).

For external wall panels, our sandwich panels are typically R-15 with 3" of insulation running from top to bottom, leaving no cold spots. The steel form finished interiors are easy to clean, and the exterior finish can be smooth, broom, or something more custom depending on your preference.

Fritzall has accumulated many satisfied customers over our 40 year history that attest to our long lasting precast products, and also the strong relationship we build and maintain with the farming community.

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



TRUST FRITZALL TO DELIVER INNOVATIVE AGRICULTURAL PRECAST CONCRETE SOLUTIONS.

R-15

INSULATION RATING

8,000

PSI

TECHNICAL SPECS

Our insulated panels are available rated up to **R-25**. 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

- Slats (Dairy, Hog, Beef)
- Pen walls
- Sandwich walls (insulated double-wall panels)
- Feeders
- Head gates
- Pit covers

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



fritzall

EMAIL: General info@fritzall.com | Sales adamk@fritzall.com

PHONE: Office (519) 366. 2253 | Sales (226) 343.0695 | Fax (519) 366.2312

ADDRESS: RR1 173 Concession 6, Chepstow, Ontario, N0G 1K0

www.fritzall.com