



SEAMLESS INNOVATED SOLUTIONS

IN COLLABORATION WITH



E.P.I. CONSTRUCTION

*Where Design Inspires Confidence.
Quality Ensures Reliability*

Rapid-build, fire-resilient building systems for backyard suites, remote housing, and high-risk environments.

- ✓ Fast Lockup
- ✓ Fire-Resilient Materials
- ✓ High-Efficiency Envelope



Engineered Solutions

Our systems are precision-engineered for strength, efficiency, and code compliance.



Full-Service Support

From design and planning to delivery and build support — we're with you every step.



Sustainable Performance

Built with durable, fire-resilient materials for long-term comfort and peace of mind.

Turnkey solutions available — from concept to completion.

Our team of engineers and building specialists can take you from site planning to a beautiful, high-performance home — quickly, efficiently, and built to last.



Backyard Suites



Urban Infill



Remote Housing



Multi-Family Applications

Smart systems. Faster builds. Superior performance.

Integrated housing solutions for today's challenges and tomorrow's growth.



VISIT HOMEPAGE



Explore our solutions and learn more.



LET'S CHAT



Start a conversation with our team.



ACCELERATED HOMES PROGRAM



Discover our standardized, rapid-build housing solutions.



SCHEDULE A CALL



Book a time that works for you.

LET'S BUILD SOMETHING BETTER.

Scan to take the next step.



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Alan Murtagh
alan@epiconstruction.ca
306-527-6261
1540 Albert Street, Regina, SK S4P 2S4

Traditional Construction Is Falling Behind



Rising costs, long timelines, and increasing environmental risks are putting pressure on housing projects across all sectors.



Labour shortages continue to delay projects.



Material costs are rising and unpredictable.



Fire and climate risks are increasing.



Energy costs continue to climb.



Many structures are not built for long-term performance.



Traditional methods rely on too many trades and timelines.

Simplified. **Efficient.** Built for Speed.

A home your family can be proud of for generations.



**TWO-MAN CREW.
ONE SYSTEM.
LOCKED UP.**

Packages delivered in as few as **1-2** shipments.

Structures closed up in as little as **5-7** days.

Model dependent.

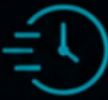
A Better Way to Build

Integrated building systems designed for speed, efficiency, and long-term performance.



Simplified Build Process

Integrated system design reduces complexity and coordination between trades.



Faster Project Delivery

Fewer trades required, accelerating timelines and reducing delays.



Fire-Resilient Materials

Engineered assemblies designed to improve safety and performance.



High-Performance Envelope

Energy-efficient wall systems designed for long-term savings.



Built for Longevity

Durable, low-maintenance systems designed for real-world conditions.



Fewer trades.
Faster timelines.
Better outcomes.



BEDROOM



BATHROOM

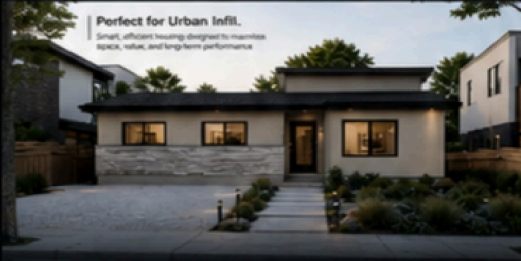


KITCHEN / LIVING

Building better starts with systems you can trust.

Built for Today's Housing Challenges

Integrated building systems engineered for performance, efficiency, and long-term reliability—across every project and environment.



Urban Infill

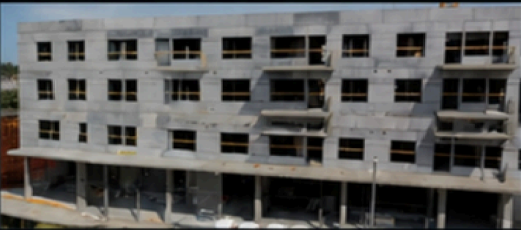
Flexible building solutions designed to integrate seamlessly into existing neighborhoods, supporting density goals while maintaining architectural consistency and performance standards.



Backyard Suites

Efficient, compact housing solutions designed for rapid deployment in residential settings. Our systems maximize usable space while maintaining high performance and long-term durability.

(Grant opportunities may be available depending on region.)



Multi-Family Housing

Code-compliant assemblies that support efficiency, sound control, and long-term durability.



Commercial Buildings

Reliable wall systems for offices, retail, and mixed-use developments.



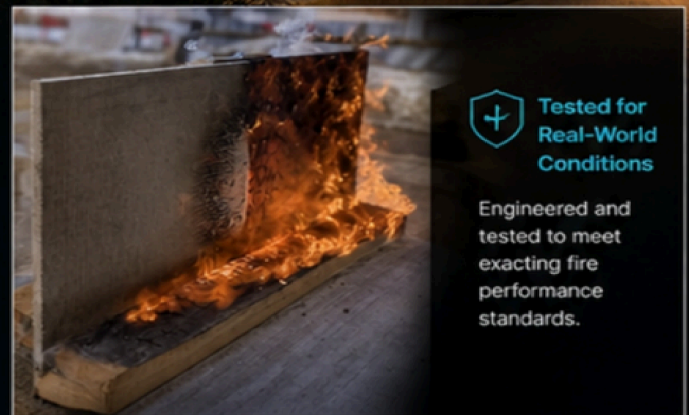
Remote & Indigenous Housing

Built for challenging environments, our systems deliver energy-efficient, durable housing solutions designed to reduce long-term maintenance while incorporating fire-rated and mold-resistant assemblies for improved performance and resilience.



Renovations & Additions

Improve performance and fire safety in upgrades and structural expansions.



Building better starts with systems you can trust.

Zs²
technologies

ET
Thermal Coatings

Engineered Performance You Can Build On



Tested systems designed to meet real-world performance and code requirements.

Real-World Performance Example

During construction, a project utilizing our wall system was exposed to an unexpected fire event. The fire was contained without significant structural loss, demonstrating the effectiveness of the fire-rated assembly under real-world conditions.

Fire Performance



Flame Spread: 0 (Class A)

Limits surface flame travel, slowing fire spread across walls.



Smoke Developed: ≤ 5

Produces significantly less smoke, improving visibility and safety.



Fire Resistance: Up to 2-hour assemblies

Provides critical time for evacuation and containment.



Tested to ASTM E119 & NFPA 286

Validated through full-scale fire testing and code compliance.

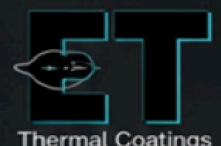
[View Full Case Study](#)



Remote Facility Withstands Wildfire



Tested to perform when it matters most.
Performance you can design with—
and build with confidence.



Proven at Scale. Built for Speed.

This residential multiplex case example demonstrates how ZS2 TechPanel systems can deliver rapid installation, durable performance, and energy-efficient results on large-scale multifamily projects.



5

5-Person Crew



5

Days to Install



14,260

Sq. Ft.



R-32

TECHNICAL HIGHLIGHTS

- ✓ 8.25" Thick TechPanels
- ✓ 1/2" TechBoard / 7 1/4" Type 1 Foam / 1/2" TechBoard
- ✓ Exterior walls and internal fire-rated partition walls
- ✓ Large-scale multifamily application
- ✓ Designed for cold-climate performance
- ✓ Rapid prefab installation with simplified site coordination



OUR ADVANTAGE IS NOT JUST THE PANEL — IT'S THE PROCESS.

By integrating structure, insulation, and durable MgO sheathing into one system, ZS2 TechPanel helps reduce trade overlap, simplify coordination, and accelerate projects toward lock-up.

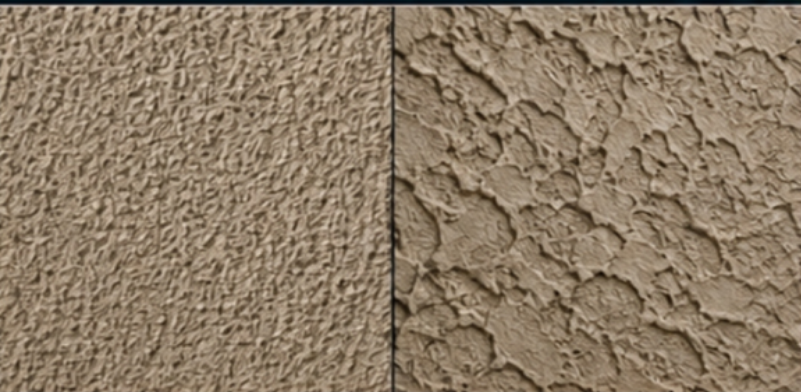


Project metrics shown are from a residential multiplex case example and are provided for illustrative purposes. Performance and timelines vary by project scope, site conditions, and final package configuration.

Comfort. Efficiency. Durability.

High-Performance Coatings That Protect and Perform.

EcoTherm / ReveCork coatings are advanced exterior finishes that deliver measurable performance benefits and design flexibility for today's building envelope. Our elastic, breathable, and durable coating systems enhance thermal and acoustic comfort while providing long-lasting protection in a wide range of applications.



Sprayed Finish

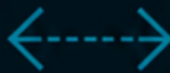
Knockdown / Trowel Finish



Thermal Comfort



Acoustic Performance



Elasticity & Crack-Bridging



Breathable Waterproofing



Durable Low-Maintenance Finish

SYSTEM HIGHLIGHTS

- ✓ Cork-enhanced exterior coating system
- ✓ Efficient spray or trowel application
- ✓ Over 500% elasticity
- ✓ Helps bridge cracks up to 2 mm
- ✓ Supports thermal and acoustic comfort
- ✓ Available in sprayed or knockdown finish textures
- ✓ Durable, breathable, waterproof finish layer



DESIGNED FOR THE WHOLE ENVELOPE

EcoTherm / ReveCork coatings integrate seamlessly with modern building-envelope systems to deliver performance and versatility. With spray or knockdown finish options and a wide range of colors, our coatings help you achieve the look you want—without compromising comfort, protection, or durability.



Final performance depends on substrate, assembly, climate, and final system design.

Seamless Waterproofing. Lasting Protection.

Roofing Systems Designed to Perform.

Our liquid-applied waterproofing systems create a seamless, monolithic barrier over flat and low-slope roofs—designed to withstand the elements, reduce maintenance, and extend the service life of your building. Engineered for long-term performance and compatible with both restoration projects and new-construction applications.



Cold Applied



Low-Slope Roofing



Weatherproof Protection



Maintenance-Free



25-Year Warranty



A seamless system for roofs that can't afford failure.

PROTECT THE BUILDING FROM THE TOP DOWN.

SYSTEM HIGHLIGHTS

- ✓ Cold-applied liquid waterproofing for flat and low-slope roofs
- ✓ Seamless membrane helps eliminate vulnerable lap seams
- ✓ Maintenance-free system backed by a 25-year warranty
- ✓ No annual inspection required to maintain warranty coverage
- ✓ Ideal for restoration or new roofing assemblies
- ✓ Compatible with complex roof details and penetrations
- ✓ Designed to support long-term waterproofing performance
- ✓ Clean, professional installation appearance



DESIGNED FOR COMPLEX ROOFS

Engineered for flat roofs, low-slope assemblies, roof restorations, and cover-over applications (where appropriate). Our systems conform around critical details—parapets, penetrations, flashings, and transitions—to deliver continuous, reliable waterproofing protection across the entire roof surface.



25-Year Warranty: This warranty does not require annual inspections to remain in effect. Final system selection depends on substrate, project conditions, roof assembly, and final specification requirements.