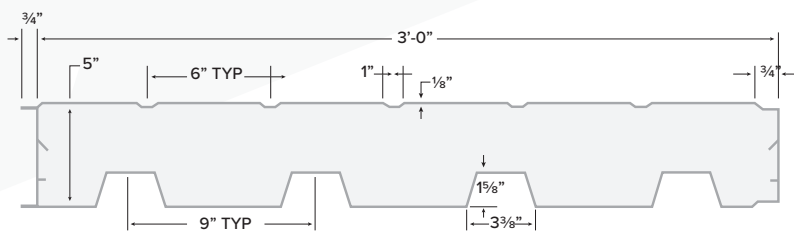# residential

PRODUCT BROCHURE
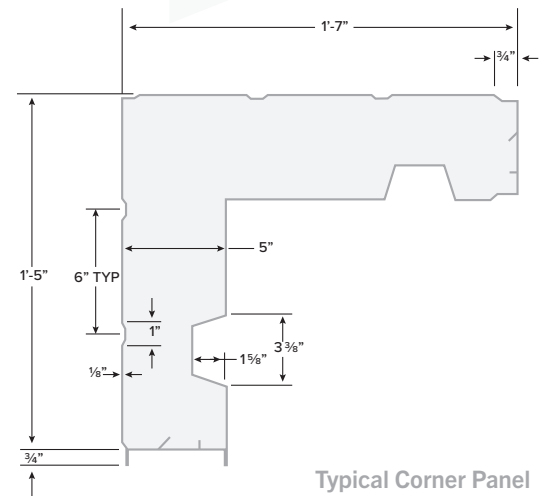
Artspan® is leading the industry as a manufacturer of structural insulated steel panel products. We provide exceptional structural solutions for residential, commercial and industrial applications. We pride ourselves in offering exemplary service while providing high quality, innovative products to our customers.

Typical Panel

Typical Corner Panel

TECHNICAL SPECS

Polyisocyanurate foam core — Minimum density of 2.5 lbs/cu.ft.

Effective R-value of 28.5

Fire rating (tested in accordance with CAN/ULC S101) — 51 minutes

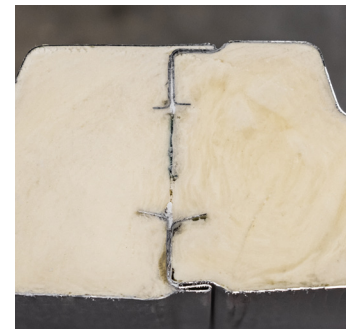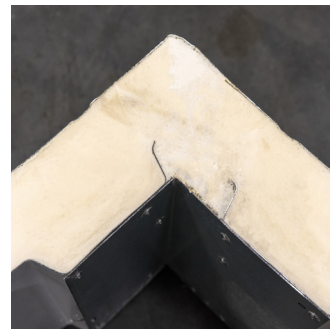Flame spread rating (tested in accordance with CAN/ULC S102-10) — 10

Smoke developed classification (tested in accordance with CAN/ULC S102-10) — 215

Air tightness — 0.5 ACH50 (based on 10,800 ft³ structure)

Weight per lineal foot — 9.94 lbs (3.31 lbs/sq.ft.)

Maximum panel length — 54ft.

Pre-painted galvalume inner/outer shell

Portions of this product may be covered by one or more U.S. or Canadian patents and/or pending patent applications.

Artspan® is owned by WGI Westman Group Inc., a dynamic entrepreneurial group of companies that operate manufacturing, sales and distribution facilities in 29 centres across Canada and the United States while maintaining dealer networks and a worldwide customer base.

ARTSPAN® STRUCTURAL INSULATED STEEL PANELS SET THE STANDARD OF EXCELLENCE. OUR PROPRIETARY AND INNOVATIVE PANELS PROVIDE FLOOR-TO-ROOF STRUCTURAL SOLUTIONS.

DURABILITY

Panels are manufactured with a pre-finished inner and outer steel shell, providing a mold, fire and rodent resistant building envelope.

Our homes are engineered to provide structurally sound, long lasting housing solutions that can be passed along to the next generation.

ASSEMBLY

Artspan® panels are pre-cut in the factory to the required lengths/pitch making your house project quick and easy to assemble.

An Artspan® wall or roof system combines up to seven steps associated with a traditional wall or roof system into two efficient steps.

VERSATILITY

Artspan® panels form floor, wall and roof system of your residential project. Our panel systems are compatible with a variety of foundations.

Artspan® roof systems allow for vaulted ceilings, providing an open, spacious feel.

Artspan® panels provide a finished exterior, eliminating the need for additional wall or roof cladding.
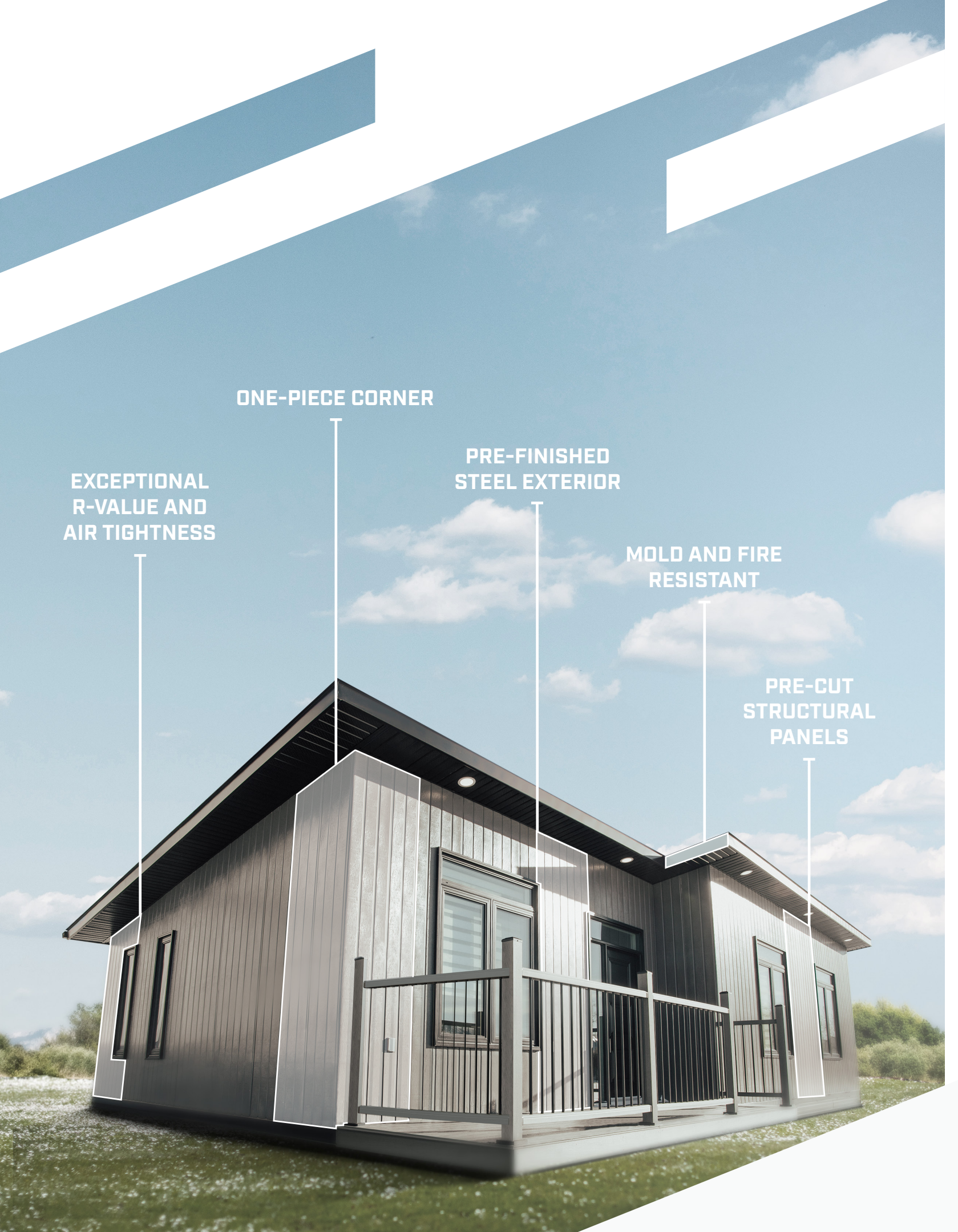
COMFORT

Homes built with Artspan® panels are designed to keep you warm in the winter and cool in the summer.

The panels have an effective R-value of 28.5.

Foam-to-foam bonds on panel joints and a patented solid foam, one-piece corner provide exceptional building air tightness.

ONE-PIECE CORNER

PRE-FINISHED
STEEL EXTERIOR

EXCEPTIONAL
R-VALUE AND
AIR TIGHTNESS

MOLD AND FIRE
RESISTANT

PRE-CUT
STRUCTURAL
PANELS

TRADITIONAL VS. ARTSPAN® PANELS

MULTI-STEP CONSTRUCTION

The traditional approach to constructing a home consists of multiple steps, a number of trades and extended build time.
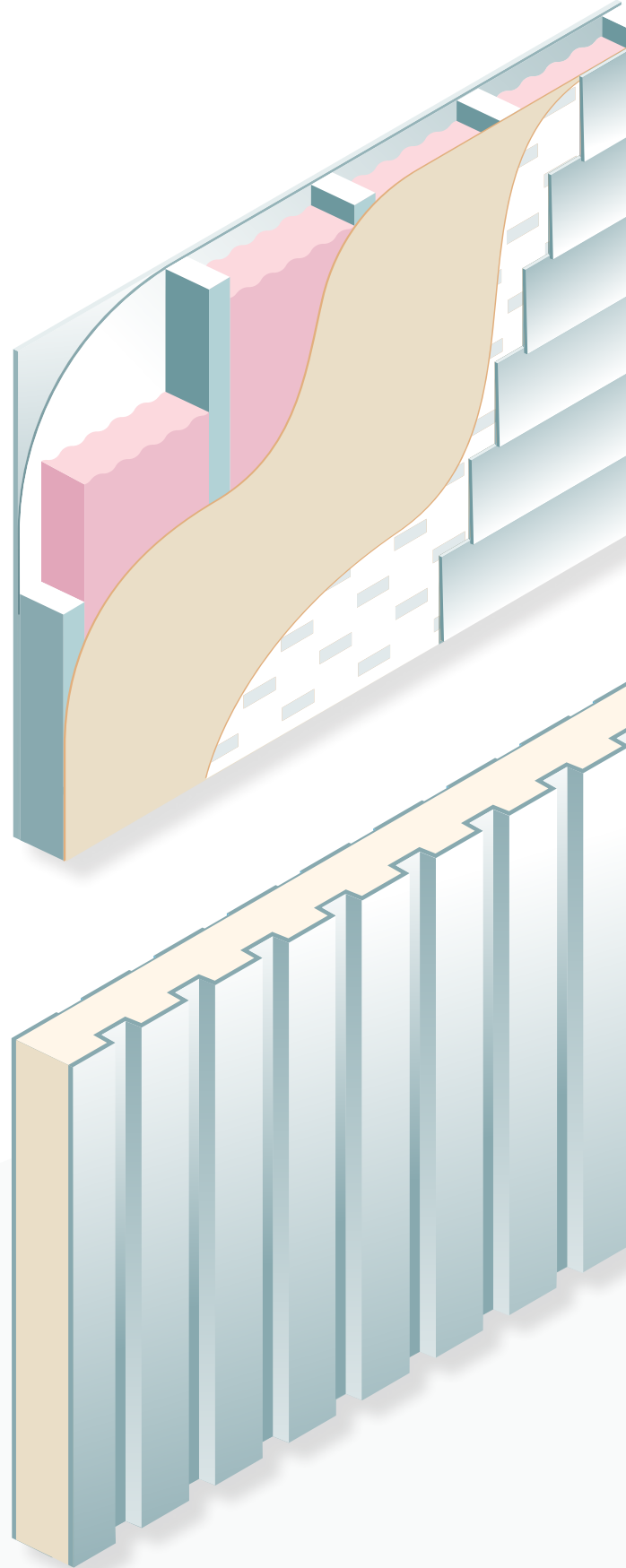
Traditional framing steps for a wood frame wall:

- Drywall
- Vapour barrier
- Framing and insulation
- Exterior sheathing
- Exterior house wrap
- Siding

ONE-PASS CONSTRUCTION

Artspan® panels provide you with a better way to build. Save time and money by reducing the number of construction steps required.

Artspan® panels are pre-finished and provides everything a building envelope needs to be structurally sound and insulated.

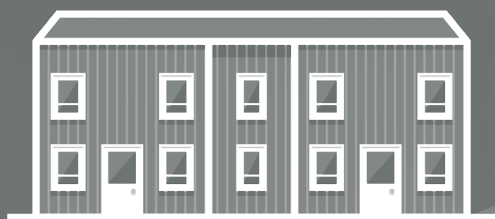# ARTSPAN® PANEL SYSTEMS CAN BE USED TO BUILD MANY HOUSING PROJECTS.

Residential
Energy efficient panels keep you warm in the winter and cool in the summer.

Cottages
Quick and easy-to-assemble cottage shell panel packages.

Multi-Family
Durable, well insulated shell packages.

Garages
Self-framing, do-it-yourself garage packages.

Tiny Homes
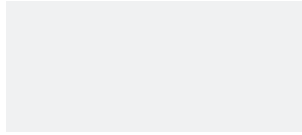Customizable, pre-cut tiny home shell packages.

Northern & Remote Housing
Fire, mold and rodent resistant panels.

OUR PANELS ARE AVAILABLE IN THE FOLLOWING COLOUR OPTIONS:

STANDARD COLOURS

WHITE WHITE	TAN	STONE GREY	CHARCOAL

PREMIUM COLOURS

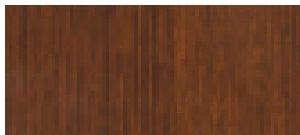|			
MOCHA	COLONIAL RED	REGAL BLUE	HARTFORD GREEN

BLACK	ESPRESSO	FRONTIER

NOTES

1. Colours may not appear exactly as shown above and may vary slightly.
2. Please confirm prior to either Specifying, Estimating, or Ordering.
3. Final colour selection should be made from a steel colour sample.
4. Colour selection may be subject to availability.
5. Custom colours available upon request.

ARTspan®
residential