



## 12 Advantages of MAGpro MGO Panels:

- Resistant to mold and mildew.
- Integrated vapor barrier.
- Water resistant.
- Energy efficient offering R-values R18-R43.
- Easy to install resulting in quick construction.
- Up to 2 hour fire rating.
- Labour is pre-done, which results in less sub-trades.
- Optimal indoor air quality.
- Can be built in all weather conditions.
- Extremely durable.
- Manufactured quickly.
- Recognized as an environmentally friendly build product.

## Insulation Details

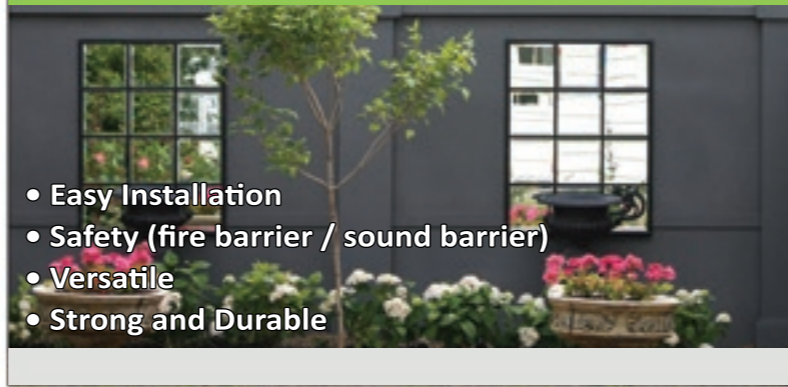
The magnesium sheathing itself holds its temperature, this means that if the sheet gets very cold it stays cold and gradually warms, or if the sheet gets warm as it would internally from a buildings heating system it will hold that heat and cool down at a much slower pace than a conventionally built structure. This is very beneficial as in the winter time the building stays warmer for longer and in the summer months the building is cooler. So reducing the overall cost to the occupant, for heating and cooling the building.

Individual panels are 4 ft. in width and available in a variety of thicknesses and lengths to accommodate desired wall heights and R-Values. Electrical chases are pre-cored 16" OC.

Lengths available are 8', 9', 10' and 12'	Thickness	R-Value	Common Usage
	4.5"	18	Cladding, Fences, Interior Walls, Sheds & Garages
	6.5"	26	Cladding, Exterior Walls, Basement Floors
	8.25"	34	Roofs, Basement Walls, Basement Floors
	10.5"	43	Roofs

\* Thicker or custom thickness, available upon request

## Fences & Retaining Walls



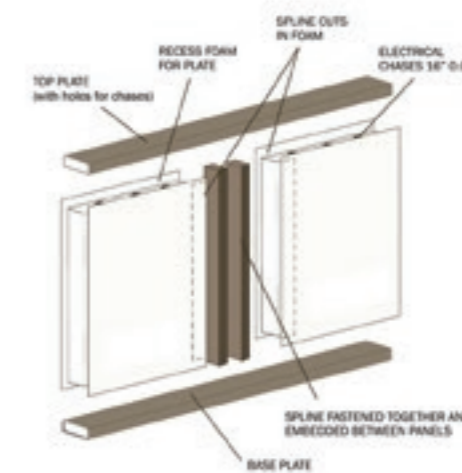
## Fire Safety

MGO panels have up to a 2 hour fire rating, zero smoke contribution and zero flame spread. The images to the left show a structure that has been designed and built using half MGO panels and half conventional building materials. After putting the two systems to a fire test, the conventional segment of the building took less than 60 minutes of burn time to be reduced to ashes. Whereas the MGO segment stood firm as the fire itself died out.

**MAGpro**  
Building Systems Inc

## Panel Processing

MAGpro Building Systems Inc. processes panels using specialized tools and equipment, which have been designed to maximize both efficiency and quality. We take a concept plan, to an engineered panel plan, to a preassembled package ready to be shipped to site for an efficient install. Residential projects can take as little as two weeks from footing to lockup stage ready for drywall to be installed. Some industrial and agricultural buildings can take even less time. This is because much of the subtrade labor required on a building, has already been predone in the manufacturing plant.



## Production Photos

