

What's unique about Uni-board® MgO products?

Uni-board® MgO panels maximize MgO benefits for the construction industry:

- **Developed to be fire resistance** (class A1) building materials
- **High performance** structural sheathing products with consistent quality
- **Comprised of mineral components** for a cleaner construction: Magnesium Oxide (MgO), Magnesium Chloride (MgCl₂), Perlite (SiO₂), Cellulose materials, Filler glass fiber mesh and Non-woven fabric
- **Non-hazardous**, free of organic solvent, asbestos, oils, toxic components, heavy metals or salts that could cause contamination or result in environmental damage.

How do our features compare with other boards?

Value	Uni-board®	Cement Board	Plywood Board	Gypsum Wallboard	Gypsum Sheathing	O.S.B.
Flame Spread	0	0	High	Low/15	Low/15	High
Smoke Developed	None	None	High	Low	Low	High
Water Resistant	Yes	No	No	No	No	No
Mold/Mildew Resistant	Yes	Yes	No	No	No	No
Termite Resistant	Yes	Yes	No	Yes	Yes	No
Impact Strength	High	Medium	High	Low	Low	Medium
Combustibility	Non	Non	Burns	Facing	Facing	Burns
Structural	Yes	No	Yes	No	No	Yes
Enviromental	Good	Good	Good	Acceptable	Acceptable	Poor
Freeze/Thaw	Good	Good	Good	Poor	Poor	Good
Interior	Tape & paint	Provide cladding	Provide cladding	Tape & paint	Tape & paint	Provide cladding
Exterior	Apply stucco or cladding	N/A	Apply stucco or cladding	N/A	Apply stucco or cladding	Apply stucco or cladding

How do our attributes compare with other board materials?

Attributes	Uni-board®	Gypsum Board	Plywood/OSB	Cement Board
Fire Resistant & Non-combustible	√	X	X	√
Water & Moisture Resistant	√	X	X	√
Mold & Mildew Free	√	X	X	√
Insect Resistant	√	X	X	√
Nail	√	√	√	√
Cut/Saw – No special tools	√	√	√	X
Wallpaper Cover	√	√	X	X
Tile Backer	√	X	X	√
Insulation Sound & Heat	√	X	X	√
Environmentally 'Green' & Non-Toxic	√	X	X	X
Strong & Durable	√	X	√	√
Light Weight	√	√	X	X
Recyclable	√	X	X	X