



HOME of MAGNUM BOARD®

“The New Generation **GREEN** Building Material”

“Install It for Health-Install It for Life”

Sheathing & Siding Products

TECHNICAL BULLETIN No.:	021622.1427
Subject:	CO2 Emissions
Issue / Revision Date:	February 16, 2022 / September 24, 2024
Issue No.:	2

We are living in the century where we must fight against global climate warming for next generation. Magnum® Fiber Reinforced “MgO” Building Materials (Magnum Board) provide a solution over other commonly used building materials.

Portland cement and gypsum board production creates a huge amount of CO₂.

1 ton of Portland cement consumes 80-110 kilowatts of powder which creates CO₂.

Decomposition of 1 ton of limestone creates 0.5 ton of CO₂. Gypsum board dehydrate heat treatment is conducted at temperatures of over 500°C which requires significant energy that creates CO₂ emissions.

Currently we produce a least 2 billion tons of Portland cement every year. According to statistics, 7.9% of global carbon dioxide emission is from Portland cement production. Magnum Board curing process actually captures carbon dioxide.

Magnesium is the eighth-most abundant element in Earth's crust, and the second-most abundant metal ion in seawater. It is widely use in medical and food industry.

Magnum Board® contains recycled plant fiber and natural mineral.

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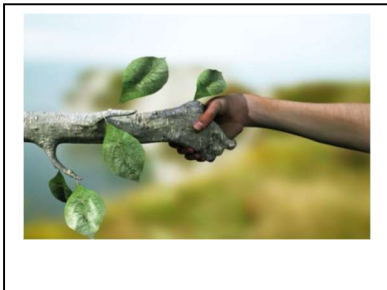
For Sales and Technical Support:
Canada, Australia, New Zealand, Alaska and Hawaii call 585.820.7625
Hawaii call 808.344.2840
Africa and Miami, call 305.498.8186
The Americas, Islands, and all other locations, call 813.900.2957

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Magnum Board® contains no dangerous ingredients such as volatile organic compounds, formaldehyde, asbestos, or silica dust, and it will not grow mold or mildew. It contributes to a healthier indoor environment

Magnum Board® is produced at ambient temperature and requires less than 50% of the energy to produce than conventional fiber cement board or gypsum board products, hence has a much lower carbon impact on the environment.

Magnum Board® are recyclable and are also considered “nutritional waste.” This means that their lack of toxic substances does not compromise landfills or water sources. They can even be ground up and sprinkled into the soil as a nutrient.



On Behalf of
Mother - Nature
THANK YOU



“GOTTA GO GREEN”

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