



THE GREEN

CONSTRUCTION PANEL OF THE 21ST CENTURY IS HERE TODAY!

DRAGONBOARD is the ideal solution for your most demanding projects

CONSTRUCTION, MATERIALS, FINISHES

DRAGONBOARD is manufactured from a combination of magnesium oxide and magnesium chloride and includes fibrous reinforcement. It is light tan to cream in color. Standard production material is very smooth on one side and sand-textured on the other.

DRAGONBOARD accepts any type of paint, wallpaper and tiling. Standard edges are square or tapered. Special edges and sizes are available. It may be cut, trimmed or shaped using ordinary power or hand tools.

The DRAGONBOARD family of products consists of DRAGONBOARD wall, ceiling, roofing and flooring panels. Every product is clearly labeled with the red dragon logo and pertinent UL design numbers to eliminate confusion in the field.

PRODUCT DESCRIPTION, APPLICATIONS

DRAGONBOARD is a U.S. patented, UL approved fire resistant, water resistant, high-impact construction panel that is well-suited for both interior and exterior sheathing applications. DRAGONBOARD can also be used for flooring. With its mold resistant, fire resistant and high impact properties, it should be used whenever there is a high value placed on a building's contents and equipment or when health and safety concerns exist.

Applications include single-family homes, apartment complexes, commercial high-rise buildings, theaters, museums, schools, hospitals, retail, hotels, restaurants, nightclubs, airports, subway stations, tunnels, fire separations, etc.

FEATURES, ADVANTAGES

DRAGONBOARD significantly reduces installation costs, offering substantial savings over competing systems, depending on the applica-

tion. It is a non-nutrient to mold or fungus per ASTM G21 and does not support insect life. It provides superior moisture resistance in high-humidity areas and combats the growth of mold and mildew.

DRAGONBOARD is completely waterproof. It will not disintegrate when immersed in water or exposed to freeze/thaw cycles for prolonged periods of time. It can be finished with any traditional drywall compounds.

PROPERTIES, PERFORMANCE

DRAGONBOARD is approved for 1-, 1 1/2-, 2-, 3- and 4-hour fire resistant wall systems, providing an unprecedented degree of safety and security. It requires only a single layer, which expedites job completion, saving time and money.

Testing shows that DRAGONBOARD contains 8.5 times less silica than standard gypsum board.

DRAGONBOARD has flamespread and smoke propagation ratings of 0 per ASTM E84. STC ratings of 53 on a 2-hour UL assembly and 54 on a 3-hour UL assembly are available. A Dade County hurricane qualified system is also available using the Fro Mar metal panel system.

DRAGONBOARD flooring can be used with wood or light gauge steel framing and can also be used in heavy commercial construction consisting of I-beam construction and Type B corrugated decking with spans up to 5 feet, thus eliminating time-consuming concrete pours.

DRAGONBOARD floor loads are capable of up to 360 psf.

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DRAGONBOARD's New York City MEA number is 359-02-M. For 2- and 4-hour fire resistant wall assemblies, the MEA number is 85-05-M.



DRAGONBOARD

DRAGONBOARD is a "green" product with enormous advantages for those concerned about the environment. It is manufactured from mineral components and water. It contains no organic solvents, asbestos, oils or toxins. No energy is consumed during the manufacture of DRAGONBOARD since the entire process is conducted at room temperature.