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DRAGONBOARD USA ANNOUNCES SUBFLOORING PANEL DIAPHRAGM TESTING

EDISON, NJ – DragonBoard USA, the United States supplier of premium magnesium oxide subflooring panels, has recently completed diaphragm testing to support the increasing demand of MgO products across the United States. In addition to the updated UL G575 assembly, a two-hour floor and ceiling assembly featuring DragonBoard as the structural sub-floor, the diaphragm test is another critical testing method that gives owners, architects, engineers, and builders increased assurance of proper floor loading capacity.

Unlike some of the traditional, underperforming subflooring products that are on the market, DragonBoard continues to be top of its class in being a sought after alternative to OSB, plywood, and Portland cement boards. The DragonBoard diaphragm test checks another important box from a life safety standpoint for the entire project team. DragonBoard offers unmatched fire resistance, noncombustible construction, and structural performance. Requests for a copy of the diaphragm test results can be made through the DragonBoard website at DragonBoard.com.

Diaphragm testing was performed per ASTM E455 by Progressive Engineering (PEI) out of Goshen, Indiana, one of the most well-respected engineering and testing firms for structural subfloor products. PEI accreditations include ISO Guide 17025 and 17020 for Independent Testing Laboratories and Quality Control Inspection Agencies. This testing is essential and emphasizes DragonBoard USA's continued commitment to providing quality subflooring panels across the United States.

DragonBoard subfloor diaphragm testing values allows engineers to immediately understand and quantify the strength and stiffness of the floor system. Floor systems that use DragonBoard as an underlayment can support lateral loads from wind and earthquakes on walls and the building system. Additionally, using the floor diaphragm values derived from testing allows engineers to specify with confidence not only DragonBoard structural sheathing, but also appropriate fasteners, connections of the wall to the floor system, and the correct fastener pattern. This is critical in ensuring that wind loads and seismic loads can be appropriately absorbed and transferred through the DragonBoard floor system.

About DragonBoard USA

For over a decade, DragonBoard has been the key provider of premium MgO panels. As the premier supplier of magnesium oxide subflooring panels across the United States, DragonBoard has supplied 25 million square feet of product for numerous project types such as multi-family residential, schools and dormitories, senior living, condos, and apartment towers, hospitality, movie theaters, mezzanines, and modular buildings. DragonBoard is a sustainable and economical subflooring panel, offering substantial cost and labor savings in the field. Unlike Plywood and OSB, DragonBoard does not contain any formaldehyde or adhesives, nor mold or termite abatement chemicals. Unlike Portland cement boards and concrete pours, DragonBoard contains no hazardous components such as crystalline silica or hexavalent chromium. DragonBoard is naturally mold and

termite resistant, can be recycled for agriculture uses, and is landfill friendly, making it the sustainable choice. These features deliver unparalleled performance and exceptional value. For more information, visit www.DragonBoard.com or call 732-662-6275.

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