

International Materials Inc.
2045 Placentia Ave. Costa Mesa, California 92627
Sure-Board® “for Shear” @ Sureboard.com

Sure-Board® for Shear

The Superior Strength of STEEL with unequaled Cyclic test performance

Sure-Board® has demonstrated superior and consistent results in cyclic tested Strength, Blast Resistance, Ballistic Resistant, STC Sound Reduction as well as Improved 1 and 2 Hour Fire resistance, after more than 600 combined Structural, Blast/Ballistic, Sound and Fire tests performed over the past 15 years. These tests have verified that Sure-Board® is the superior multi-use sheathing available today. Whether installed on Cold-Formed Steel (CFS) or standard Wood framing, Sure-Board® will deliver a building that is far superior in strength and resistant to earthquake forces (seismic load) and destructive hurricane and tornado force wind loads. In addition, Sure-Board®, will also help reduce the architectural damage to any light framed structure. This means lower cost of repairs to the owner, and lower future insurance costs too.

The use of sheet steel to resist lateral forces is not uncommon in the CFS industry, but the patented Sure-Board® process of laminating the sheet steel to any type of non-structural wallboard or substrate sheathing will increase the load capacity per square foot by as much as 30% on WOOD framed structures. That can save a tremendous amount of labor cost in the process by allowing the contractor to install the shear panel and the gypsum wallboard at the same time. It is a **winner** for all.

Acceptance and Approvals:

Sure-Board® has National acceptance and is certified by IAPMO, ICC, Los Angeles City, DSA, New York City MEA, Miami-Dade, as well as Florida State. Sure-Board® has also been tested for Blast and Ballistics to all DHS, DOD, UL and GSA Standards for approval and use by the United States DOS Department of State.

The Strength of Sheet Steel:

Sure-Board® is the ONLY approved sheathing that has the inherent and consistent strength to reduce the damage to your next new/retrofit building. These advantages are not available with wood sheathing or even sheet steel alone. We have the combination that works every time and we can help you with the design of all of your Future Light Framed Buildings.

Non-Combustible/Termite Free/Mold will not grow:

Sure-Board® has been tested and passed on all Nationally Accepted ASTM E-119 fire rated assemblies. It has performed exceptionally on all UL and National Gypsum Association rated assemblies on CFS and Wood framing. Sure-Board® sheathings are therefore approved for all accepted/approved 1 and 2 hour fire rated assemblies. Note: When Sure-Board® was laminated to a newly recognized substrate sheathing referred to in the Industry as (MgO) or “Magnesium Oxide Board”, we have demonstrated its enhanced fire resistant performance when laminated to the steel sheet of Sure-Board®. Our tests demonstrate our ability to eliminate one layer of 5/8” Type X gypsum wallboard when Sure-Board® is installed on a typical CFS 2 hour rated assembly. Also the MgO sheathing is mold and termite free indefinitely. If you would like additional information about this product please email request to: support@sureboard.com or call Tech Support at (866) 469-7432.

Sure-Board® can Replace any Standard Wood Based Plywood/OSB:

Sure-Board® is the combination sheet steel and many non-structural sheathings to produce an enhanced sheathing that can resist tremendous loads without self destructing on your shearwall and allowing excessive drift and ultimately causing potential first floor structural failure. That condition devastated thousands of wood framed structures on January 17, 1994. That was the unforgettable day of the Northridge earthquake in the San Fernando Valley, California. This previously undiscovered thrust fault, known as the “Pico Thrust Fault”, proved to be one of the most expensive natural disasters

in US history. The total event resulted in a loss of an estimated \$25 billion in direct economic loss and \$7.5 billion in indirect economic loss, as stated in the Risk Management Solutions Report published in 2004. Our goal with Sure-Board® is to provide the designers and contractors, **Nationwide**, a better solution to prevent a repeat of that event in the Future. Sure-Board® Series 200 and 200W panels are the only reverse cyclic tested sheathing panels with test results evaluated using the Current IBC/IRC/CBC and the ASCE 7-05 standards of reporting our ASTM E-2126 tested results. Other code approved panels have not yet been required to report to these standards. We are the Safe solution for the Future.

Sure-Board® has a Non-Combustible Floor/Roof Sheathing Coming Soon: Sure-Board® Series 200S is a new product line that we are developing. Our panels will reduce the floor sheathing costs for non-combustible CFS framing structures and should be available for distribution Nationwide this coming year. Our panels will improve the Transverse load capacity as well as reduce the lateral deflection for your new non-combustible floor diaphragm for both flexible and rigid diaphragm systems in all CFS structures. Please contact our product development and technical support staff with your inquires.

Finally **Who** is here to serve **You**:

Sure-Board® is a product that is manufactured by the largest and most experienced steel stud manufacturers Nationwide. On the West Coast/Mid-Western States you have **Cemco**. For the East Coast/Gulf Coast you have **Marino-Ware** and in Florida you can depend on **Wellbilt International**. Together with cooperation of InterMat Inc., and our Sure-Board® USA Product Development Staff, we are dedicated to developing, testing and certifying the best sheathing products available for use on all CFS and Wood framed structures. We intend to help improve many of the existing framing methods and standards, while continuing to help you build the BEST and SAFEST building you can, anywhere in the United States Today and Tomorrow.