

# Intertek ETL SEMKO

April 26, 2004

Revised: January 26, 2007

International Materials Inc.  
117 1/2 – 54<sup>th</sup> Street  
Newport Beach, CA 92663

Attention: Mr. Carleton Elliot

Dear Mr. Elliot:

## **Re: Use of International Materials "Sure Board Series 200" Steel Sheet In Conventional Fire Rated Wall Assemblies**

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Intertek Testing Services NA Ltd. conducted full-scale fire testing of 1-Hour and 2-Hour rated walls, load-bearing, framed with 20 gauge steel studs and faced with conventional 5/8 in. Type X gypsum wallboard. The walls were conventional except for the addition of International Materials "Sure Board Series 200W" board on one side of the wall assembly. These tests were successful in achieving the 1-Hour and 2-Hour ratings. The presence of the "Sure Board Series 200W" improved the wall performance in that the walls passed the hose stream test after the full duration fire test, rather than the need to conduct the hose stream test on an identical wall tested for 1/2 the rating as would normally be the case for gypsum wallboard walls.

The "Sure Board Series 200" does not have the layer of 1/8 in. medium density fiberboard (MDF) glued to one side that the Series 200W has. It is a 4 ft. wide galvanized steel sheet that is used for seismic bracing and structural enhancement.

Based on the testing we conducted, we can confirm that the substitution of "Sure Board Series 200" in place of "Series 200W" will not affect the fire resistance rating of 1-Hour and 2-Hour load-bearing and non-load-bearing steel stud/gypsum wallboard wall assemblies that use conventional 5/8 in. Type X gypsum wallboard.

I trust this is the information required.

Yours truly,



**INTERTEK TESTING SERVICES NA LTD.**



*Mike Van Geyn*  
Mike Van Geyn, A.Sc.T.



Manager – Fire Testing & Technical Programs



MVG/bjm



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