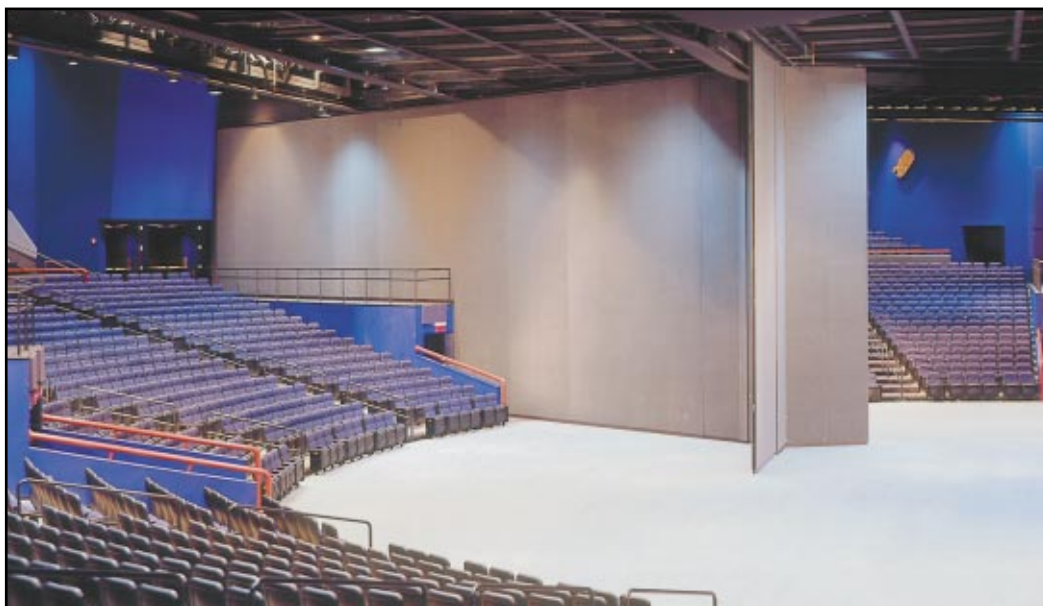


HUFCOR SOLVES A BIG PROBLEM IN NEW ORLEANS.



Hufcor panels meet stringent specifications at the Ernest N. Morial Convention Center in New Orleans.

Hufcor, the world's leader in operable wall innovation, helped the Ernest Morial convention Center in New Orleans, Louisiana, avert a problem during their Phase III expansion.

PROBLEM:

After completing Phase II, the convention center found that the operable partitions in the exhibit area could occasionally shift due to extreme air pressure surges created when the huge aircraft doors are opened during show set-ups and take-downs.

To eliminate this problem, the team of architects hired for Phase II set forth two extremely stringent requirements for the operable wall specification:

- The panels must withstand a concentrated load of 200 lbs. applied to any location 18" [475] above the panel bottom edge.
- The panels must withstand a uniform load of 20 lbs psf applied over the entire face.

The first requirement was established to ensure the panels would not slip laterally at the bottom due to air pressure changes.

The second requirement was established to ensure that the panels would withstand the forces created by the massive air pressure.

SOLUTION:

Hufcor engineers customized their Spectrum 6000 operable partition so that it not only met the specification, but far exceeded it.

Standard Hufcor retractable bottom seals apply a downward force which is more than adequate for most facilities. But for the New Orleans Convention Center, the air pressure created extreme circumstances.

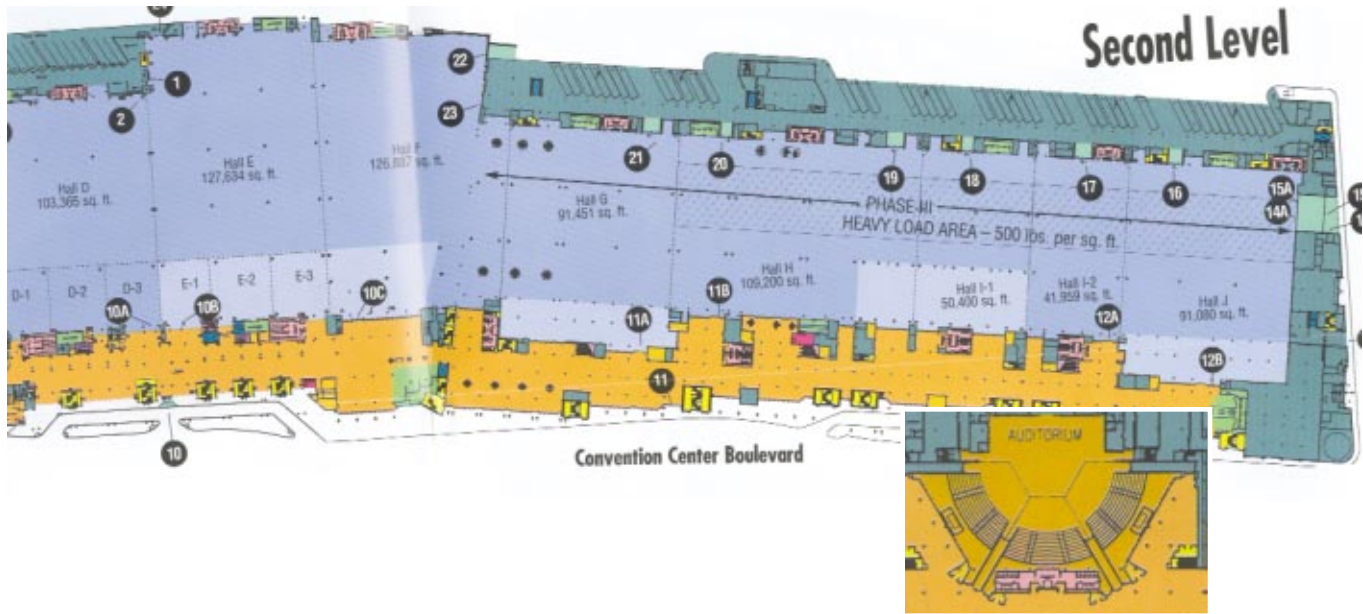
To meet the downward force specification, Hufcor developed a seal mechanism that applies 400 lbs. of downward force. We tested the panel stability using an independent Professional Engineer, Yale Shea, to supervise and witness the test.

For more information on this particular solution, or brochures and detailed technical specifications on the full range of Hufcor products, call toll-free 1-800-542-2371 ext. 214 or our website www.hufcor.com. Or write us at Hufcor, P.O. Box 591, Janesville, WI 53547 USA.

Solutions

HUFCOR

Ernest Morial Convention Center, New Orleans

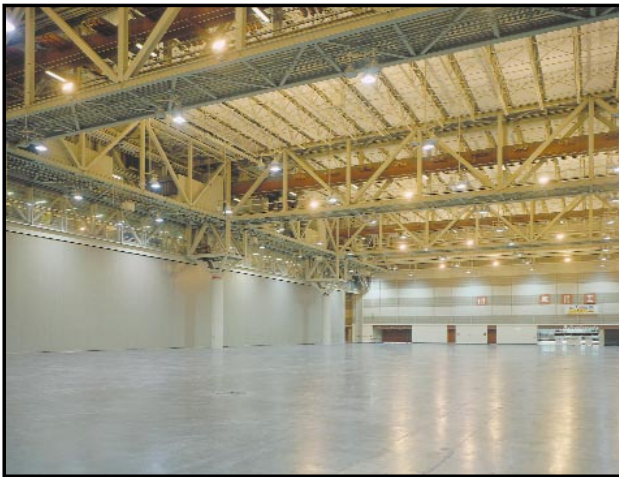


In addition, Hufcor worked with The Construction Consulting Laboratory International, Dallas, Texas, who have the facilities for conducting strength test of panels for building construction per the ASTM E-72 test standard. After thoroughly testing the panel and seal mechanism, CCL found it far

surpassed the specification requirements. With the special seal, the panels stay put with the 200 lb. load applied at any location 18" [475] above the panel bottom edge. No lateral movement was experienced during any of the independent test. And, as important, the panels are easily moved into position during set-up. The quick-set seals are easily extended and retracted with a lifting motion of the removable handle. No tedious cranking is required.

For the second specification criteria, steel reinforcements were added to the panel face to ensure it would withstand a uniform load of 20 psf applied over the entire face. Once again, the Hufcor panel far surpassed the specifications — passing the test at more than double the specified requirement.

Solving problems and making your designs a reality are the specialty of Hufcor's design team. Hufcor's ingenuity is ready for your challenges.



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