

# HALL Wines Project Profile

The 2014 earthquake on the West Napa Fault caused estimated damage in excess of \$300 million with much of that being sustained by the regions 500 winemakers. In the aftermath of that 6.0 magnitude earthquake, HALL Wines knew they needed additional seismic protection to safe guard their inventory of valuable and irreplaceable vintage wines. The patented Pellegrino Base Isolation was an easy decision.

*“We felt the investment in the Base Isolators provided an extra level of protection for our valuable wines, making it an easy decision.”*

**HALL Wines**  
Shipping & Inventory Manager,  
Gary Cisneros



**RIDG-U-RAK®**

*The Pellegrino  
Seismic Base  
Isolation System*

*HALL Wines*





# The Pellegrino Seismic Base Isolation



"We reviewed our needs with Joe Gangemi of Material Handling Design & Equipment (mhde), and decided to install the isolators throughout the new facility. From an operational point of view, the isolators are a great solution as they're almost undetectable fitting neatly under the rack's upright frames, and don't interfere with our lift trucks moving in and around the rack."

Hall's warehouse stocks cases of bottled wines, and serves as their short and long term storage facility. From this facility, Cisneros' team packs their direct-to-consumer Wine Club orders on a daily basis, and stocks an inventory of the winemaker's library wines on the pallet rack, possibly for years.

The warehouse included 500+ pallet positions of RIDG-U-RAK's tear drop pallet rack with nearly 100 base isolators installed with the upright frames. "We felt the investment in the Base Isolators provided an extra level of protection for our valuable wines, making it an easy decision," said Cisneros.

Read more at [ridgurak.com](http://ridgurak.com)



*RIDG-U-RAK conducted more than 100 earthquake simulations with varying loads, product configurations and base arrangements during five weeks of testing at the Structural Engineering Earthquake Simulation Laboratory located at the State University of New York at Buffalo.*



Base Isolators dissipate 85% of the seismic energy.



RIDG-U-RAK Basis Isolated System

Fixed Base Rack

200% of Qualification With Identical Loads, Racks & Simulations

See the Full-Scale Tests at  
**YouTube** Ridgurak base iso



*Famous for integrity for over 75 years*

For more information, visit [www.ridgurak.com/](http://www.ridgurak.com/)  
Toll Free: 866-479-7225 Phone: 814-725-8751 [sales@ridgurak.com](mailto:sales@ridgurak.com)

