



Innovative Building Solutions

Engineered & Manufactured by Sprung Instant Structures



EPSA

Chile

Caserones Project

Project Report:

EPSA is a company with more than 40 years of experience in earth moving projects around the world. As their operations in the mining industry continue to grow in Chile, EPSA needed to source infrastructure solutions to meet the challenging working conditions located 4200 meters above sea level at the top of the Andes mountain range.



EPSA was looking at revamping operations at the Caserones project and needed a truck maintenance building that could be erected quickly and safely that also would conform to the stringent construction standards required to meet the environmental loads at the top of the Andes. In addition, there were a number of demanding site conditions to consider when selecting the appropriate building solution which included accessibility to site, high wind loads which often exceed 115 MPH ,as well as working conditions building infrastructure at the high altitude in the Chilean Andes.

In mid-May of 2010, EPSA contacted Sprung to supply a structure measuring 30.4m (100') wide by 53.4m long (175'). Sprung's proven track record at mining locations around the world, speed of delivery and construction, light weight aluminum substructure and large clear span relocatable design were all contributing factors in selecting Sprung as the product of choice for this demanding application.

Fast facts

- 30.4m wide x 53.4m long Sprung structure
- Construction time line 30 days
- 3 - Electric exhaust fans and louvered openings for proper ventilation
- 2- large double panel rolling doors for access to heavy duty machinery and mining trucks
- 2 - Single personnel doors
- Dupont Tedlar exterior membrane for enhanced UV resistance, includes 20 year guarantee.

More information about EPSA can be found at www.epsaint.com



