

# Kids Dome Sorai



Year: 2018  
Location: Japan  
Program: Education

Status: Completed  
Type: New-built  
Structure: Timber Structure

In developing a dome with a diameter of 35.6m and a height of 6.95m, the idea was to use an inexpensive and light-weighted box beam (PHP system) of paper honeycomb board sandwiched in structural plywood, as a substitute for huge glulam arches. However, with a large span and snow load, the paper honeycomb was replaced with a regular wooden box beam. The next project, Student Built Campus at Keio University SFC implemented the PHP system.