



... your den is ready!



What is tensile architecture?

It is an architecture adopting structural systems where the elements are predominantly in tension, as in this den. den. Make sure it is held taught The roof and walls of your den are built in tension. Tension is a state of stress

in which a material is being pulled apart, like the fabric covering your with pegs or ties, so the structure is well-supported and stable.

There are many examples of tensile architecture and engineering. Here are some by Foster + Partners:

Lusail Stadium

This is one of the world's largest tensile cable-net roofs in a stadium. It creates a cool and comfortable atmosphere so people can enjoy sports and performances.

Turin University

Turin University's tensile roof provides shelter from wind, rain, and sunlight with large overhanging eaves around the perimeter. The roof also encloses the building's machinery that is located on the roof.





Tension





