Horyuji Temple

Location: Kansai, Japan

Architect: Prince Shotoku
Owner: Prince Shotoku
Year of completion: 607
Climate: Humid Subtropical
Material of interest: Wood
Application: Structure

Properties of material: This is the oldest wooden structure, it is constructed with natural materials using traditional methods of construction.

Sources:
Architect Website: http://en.wikipedia.org/wiki/H%C5%8Dry%C5%AB-ji,
http://www.timetravelturtle.com/2013/05/horyuji-japan-oldest-wooden-building/