

- There are types of materials that have stress and strain.

- physical properties & their uses in construction.
- Properties of strength, elasticity and stiffness.
- Most effective material is the one that are combine elasticity with stiffness.
- Elasticity has the ability to deform under stress.
- Then there are Brittle materials, have low elastic limits.
- Stiff is measured of the extent to which an elastic body resists deformation
- density or hardness determines its resistance to wear and abrasion.
- then there thermal conductivity.

There an evaluation of building materials, The examination is called Life Cycle assessment

Inputs

- Raw materials
- Energy
- Water

