# Building loading

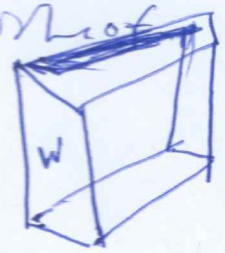
- It may be classifed as dead or live.
- Dead loads is a fixed mass of a building structure, while live loads are caused by time
- External factors such as, wind, earthquake and the motion.

## Structural loading

- To determine the dead weight gravity loading acting with a structure.
- It is consulted in local metrojical, consulted in multiple volume and.
- It generate lateral forces, similar to those caused by wind throught the structure.

## Wall forces from dead weight

- To maintain its integrity equilibrium, and to resistance the force within the structure.
- the tension of the same magnitude as the applied force.
- the wall compresion force to zero, at the base, the compressive force equal weight of wall




## True arch behavior

- With the first spreading of an abutment, a masonry arch will likely three hinges.
- This characteristic of arches allows for the reinforcement abutment.