

Significance of Concrete

- The total world consumption of concrete is roughly estimated at 3 billion tons or half ton for every living human beings.
- In many countries the ratio of concrete consumption to steel consumption exceeds 10 to 1.
- Why it is the most widely used engineering materials or structural materials?

- Cheapest and most readily available material on the job. – cement and aggregates are relatively inexpensive and are more commonly available in most area of the world. About 10000yen/1m³, it is less than 5yen/kg.

- Durable

- Can be formed into a variety of forms and sizes