

# Limestone

## Category

- Roughly 300,000 year old sedimentary rock

## Composition

- Primarily calcium carbonate, also referred to as calcite
- Other impurities: sand, clay, silt, iron, and pieces of shell

## Source

- Mostly from the remains of marine life which has been eroded and compacted over a long period of time
- Found all over the world, but some of the finest come from Indiana in the United States
- Florida has a large amount of limestone, but the consistency is poor for structural purposes.

## Characteristics

- Consistent grain pattern
- Not as dense as granite, but hard enough to use chisels
- With enough heat and pressure, the crystalline structure of limestone will change into marble

## Application

- Building blocks
- Aggregate for roadways
- Neutralizing agent for acidic soil
- Toothpaste
- Bread
- Sculpture