

# INDIAN DREAM

## SANDSTONE WHITE LIGHT

### Sandstone

This is normally used as flooring material in garden pathways, courtyards, & passages. It is also used in major quantum for wall cladding in prestigious buildings in India. Basically this is sandstone having its own luster hence accepted in big way in Indian construction industry.

#### Best Application:

- Polished tiles are best suited for courtyards, garden seating, pathways, walling etc.
- Natural sandstone tiles can be used as flooring as well as roofing tiles.

#### Specification:

**Color:** Minor color tonal variations exist but within the tolerance limit.

**Hardness:** 6.5 to 7 on Moh's Scale

**Density:** 2.3 to 2.4 Kg/cm<sup>3</sup>

**Compressive Strength:** 90 to 140 N/mm<sup>2</sup>

**Modulus of Rupture:** 16-40 N/mm<sup>2</sup>

**Water Absorption:** 1.0 - 1.2 %

**Porosity:** Low to very low

**Weather Impact:** Resistant

**Chemically,** they are very resistant Mono-Mineralic rocks, principally composed of silica. The other minor constituents vary from origin to origin

**SiO<sub>2</sub>:** 95-97%

**Iron (Fe<sub>2</sub>O<sub>3</sub>):** 0.5%-1.5%

**Alumina (Al<sub>2</sub>O<sub>3</sub>):** 1 to 1.5%

**Soda (Na<sub>2</sub>O) & Potash (K<sub>2</sub>O):** Less than 1%

**Lime (CaO):** Less than 0.5%

**Magnesia (MgO):** Less than 0.5%

**Loss On Ignition (LOI):** Less than 0.5%

