



BRUNEI CEMENT



Meets The Demand
of the people in
Brunei Darussalam

Cement Testing Process



Sample
Collection



Chemical
Analysis



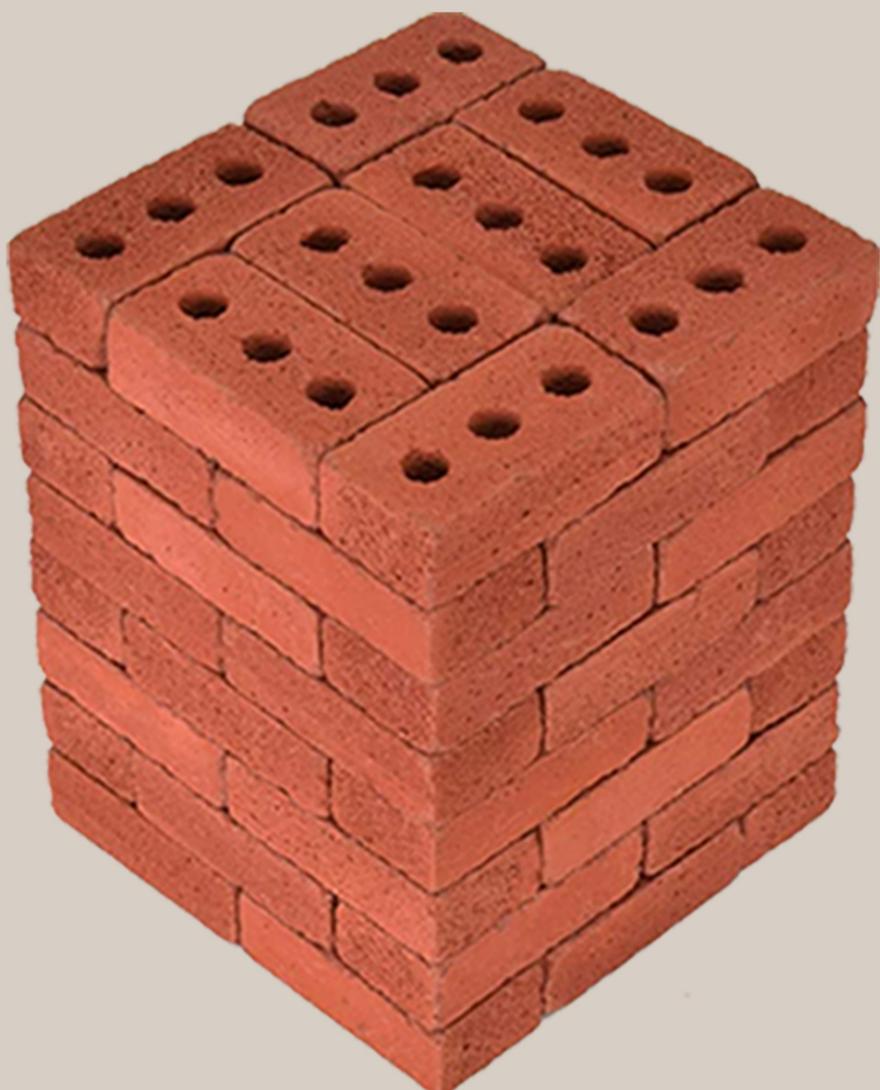
Sulphate
Determination
(X-RAY)



Fineness
Determination
(Blaine)



Compressive
Strength
Testing
(Computerize)



Red Bricks

Composition:

Made from clay and shale, with their characteristic red color derived from iron oxide.

Benefits

Excellent durability, thermal mass, and timeless aesthetic, often lasting for centuries.

Plastering Sand

Key Characteristics and Uses:

- **Consistency:** Fine, soft, and usually brown, this sand is clean-washed to remove impurities and prevent salt stains.
- **Applications:** Ideal for internal plastering (walls/ceilings) and external rendering for a smooth finish.
- **Mixing:** Commonly mixed with cement at a ratio of 4:1 or 5:1, depending on the coat required.
- **Properties:** Provides a creamy, workable mixture, reducing the risk of shrinkage or cracking upon drying. [Tarmac +5](#)

Concrete Stone

Key Features and Types

- **Concrete Pavers:** Pre-cast, interlocking units used for walkways, patios, and driveways, known for high resistance to abrasion.
- **Cast/Reconstructed Stone:** A refined form of concrete made to simulate natural materials like limestone, granite, or slate for architectural trim and garden ornaments.
- **Stamped Concrete:** Concrete that is textured on-site to mimic stone, brick, or wood, allowing for custom designs.
- **DIY Options:** Custom-shaped patio stones can be created using forms and concrete, providing a cheaper alternative to natural stone.

Readymix Concrete

- **Benefits:**
 - **Quality & Consistency:** Eliminates the variability of on-site mixing.
 - **Time & Efficiency:** Speeds up construction, requiring less on-site labor and equipment.
 - **Reduced Waste:** Precise, factory-controlled quantities mean minimal material loss.
 - **Versatility:** Suitable for various applications, including high-strength and self-compacting concrete.
- **Applications:**
 - **Infrastructure:** Used for foundations, high-rise buildings, and large-scale, durable, and reliable construction projects.
 - **Residential:** Often chosen for building homes, delivering consistent, durable, and high-quality results.

