

- B. Non-Load Bearing Block Units: ASTM C 145, or BS 6073, Part 1 using machine-expanded slag or shale aggregate complying with ASTM C 331, with dry net concrete weight of not more than 1680 kg/cu. m. Grade N or the equivalent grade of BS 6073 Parts 1 and 2.
- C. Moisture Controlled Curing:
1. Cure blocks by low pressure steam curing at a pressure of 0.7 kg/cm². Raise the curing temperature uniformly at not more than 0.56°C per minute from 30°C to 66°C and allow the masonry units to cure for approximately 3 1/2 hours from initial set period. Thereafter keep the units moist for a period of 7 days by means of a fine spray of water and then allow to air dry for 14 days. Allow an interval of not less than 3 hours between the forming of the units and the curing process.
 2. Cure blocks in a moisture-controlled atmosphere at normal temperature and pressure, and limit moisture absorption to 35% of saturation at time of delivery and until time of installation. Comply with ASTM Type I classification.
- D. Provide concrete block units with exposed faces of the manufacturer's standard colour and texture, unless otherwise shown or specified.
- E. Size and Shape: Nominal modular size of 400 x 200 x 200 mm or 400 x 200 x 150 mm or 400 x 200 x 100 mm depending on specified wall thicknesses.
- F. Provide special shapes wherever shown and wherever required to build corners, lintels, jambs, control joints and expansion joints, and for other uses where necessary to provide a complete installation in accordance with the highest standard of workmanship.

2.2.3 Reinforcement and Anchorage

- A. Horizontal Joint Reinforcement: Truss type welded wire units of 3 m lengths with prefabricated corner and tee units. Fabricate from ASTM A 82 or BS 4482 cold drawn steel wire with deformed side rods and plain 9 gauge truss rods, crimped if used in cavity wall construction. Provide width of between 37 and 50 mm less than wall thickness.
1. Fabricate with 9 gauge (3.7 mm) side rods, unless otherwise shown.
 2. Provide units with a single pair of side rods, unless otherwise shown.
 3. For use in interior partition walls, fabricate from mill galvanised wire.