A. Welded wire fabric to be used for the reinforcement of concrete shall conform to the following requirements.

B. Welded steel wire fabric reinforcement shall have yield strength of 460N/mm2 and shall be classified as Type 2 unless otherwise specified.

C. Dimensions: Welded steel wire fabric shall conform to the size and dimensions shown on the Drawings.

D. Properties: Wire fabric furnished under this Specification shall conform to both BS 4483 and BS 4449.

2.2.3 Spacer Blocks

A. Spacers as approved by the Engineer shall be of such material and design as will be durable, not lead to corrosion of the reinforcement and not cause spilling of the concrete cover.

B. Spacer blocks made from cement, sand and small aggregate shall match the mix proportions of the surrounding concrete so far as is practicable be comparable in strength, durability and appearance. Their surface shall be roughened to ensure satisfactory bond with the surrounding concrete.

2.2.4 Mechanical Couplers for Reinforcement

A. Couplers are only to be supplied from a manufacturer with a QA/QC system accredited by an internationally recognized accreditation agency.

B. The contractor is to furnish three (3) copies of all test certificates for each size and type of coupler proposed, demonstrating their compliance with the requirements of relevant British Standards, and the particular performance requirements of this specification.

C. The performance criteria for couplers for each representative gauge length assembly comprising of reinforcement the size, grade and profile to be used and a couple of the precise type to be used the following minimum criteria must be attained.

D. The strength of the coupled bar in both tension and compression must exceed 125 percent of the yield strength of the bar (1.15fy) for grade 250 and 500A and 500B reinforcement or 95 percent of the ultimate actual tensile strength of the reinforcement bars.

E. The couplers in each consignment shall be legibly tagged by the manufacturer and/or fabricator before being offered for inspection. The tag shall show the