IS 3466: 1988 MASONRY CEMENT - SPECIFICATION (*Second Revision*)

Masonry cement is a specialized type of cement used in the **construction of brickwork, stonework, and other types of masonry**. It is designed to provide superior bonding strength and durability for masonry applications.

Masonry cement is obtained by intimately grinding a mixture of **Portland cement clinker** and **gypsum** with **pozzolanic or inert materials**, and air entraining plasticizer in suitable proportions, generally to a fineness greater than that of ordinary Portland cement.
Masonry cement is chiefly intended for use in masonry mortars for brick, stone and concrete block masonry, and for rendering and plastering work.

This standard contains **Terminology, Sampling, tests,** etc.

The standard includes criteria for several physical properties, including:

1) **Fineness**
2) **Setting Time**
3) **Soundness**
4) **Compressive Strength**
5) **Air Content and**
6) **Water Retention**

Masonry cement is intended for general masonry work but is not suitable for structural concrete, flooring, foundations, or reinforced concrete. The standard emphasizes the importance of properly labeled bags for easy identification and compliance with relevant weight standards.

Various amendments, such as changes in weight tolerance and non-staining requirements, have been made to adapt the standard to the needs of the construction industry. The BIS continues to update the standard to maintain the quality and safety of masonry cement.