



Indian Standard IS 10360:1982 - Lime-Pozzolana Concrete Blocks For Paving

Lime-Pozzolana Concrete Blocks are a type of paving material made from a mixture of lime, pozzolanic materials (such as fly ash or volcanic ash), and aggregates. These blocks are primarily used for **constructing pavements, roads, and flooring** in both residential and commercial applications. The combination of lime and pozzolana creates a strong, durable material with enhanced binding properties, making the blocks resistant to environmental wear and tear.

Lime-Pozzolana concrete blocks offer an eco-friendly, durable, and cost-effective alternative for paving and flooring applications. Their combination of strength, weather resistance, and sustainability makes them a valuable material in modern construction, particularly for outdoor environments. These blocks contribute to reducing environmental impact while providing reliable, **long-lasting solutions for infrastructure development**.

IS 10360 is an Indian Standard that outlines the specifications for Lime-Pozzolana Concrete Blocks for Paving. The standard provides covers **dimensions, quality and strength requirements** of lime-pozzolana concrete blocks for use in paving to ensure their quality, strength, and longevity. This Standard specifies the quality requirements of materials used in the blocks. IS 10360 defines the standard **dimensions** and allowable tolerances for the blocks. This ensures that the paving blocks fit together seamlessly when laid out on the surface, providing a stable and even paved area.

The concrete blocks must meet certain **strength and durability criteria**, including compressive strength, drying shrinkage, moisture movement, abrasion resistance and flexural strength. These properties ensure the blocks perform well under various environmental conditions and heavy traffic loads.

In summary, IS 10360 sets the framework for producing **high-quality** Lime-Pozzolana concrete paving blocks. These blocks offer a cost-effective and durable solution for paving applications, especially in areas exposed to harsh weather conditions. **By adhering to this standard**, manufacturers can ensure that their blocks meet the required strength and performance standards, providing long-lasting and stable surfaces for roads, pavements, and other infrastructure projects.