

IS 712:1984 - BUILDING LIMES

This standard covers the requirements for building limes used for construction purpose. Standard classifies Building limes six different classes (Class A to Class F) based on usage such as structural, masonry, plastering, finishing, white washing purposes.

Standard prescribes chemical requirements of Calcium and magnesium oxides, Magnesium oxides, Silica, alumina and ferric oxide, Un-hydrated magnesium oxide, Insoluble residue in dilute acid and alkali on ignited basis and Carbon dioxide & Available Lime as CaO (on oven dry basis), Free moisture content.

Standard prescribes physical requirements of Fineness & Residue on slaking through Residue on different IS Sieves. Also prescribes Setting time, Compressive strength at 14 days & 28 days, Transverse strength at 28 days, Workability bumps, Volume yield and Soundness, Le Chaterlier expansion, Popping & Pitting.

Standard prescribes the packing of product in suitable containers, such as jute bags lined with polythene or high-density polythene woven bags lined with polythene or craft paper bags, preferably containing 50 kg of lime.