



Indian Standard IS 5410:2013-CEMENT PAINT — SPECIFICATION

The product described in IS 5410:2013 is cement paint, which is used as a decorative and protective coating for both interior and exterior surfaces of buildings. It is primarily applied on masonry, concrete, stucco, brick, and rough plaster, but it is not suitable for gypsum plaster. Cement paint offers better performance than distemper paints, especially for outdoor use, due to its water repellency and durability.

The desirable properties of cement paint include high durability, fastness to light, water repellency, smooth matte finish, and resistance to dry rubbing. It should also be free from organic binders and must comply with lead restriction norms to ensure environmental and health safety. The paint is typically mixed with water and applied to pre-wetted surfaces to ensure proper adhesion.

Various tests are required to ensure its quality, such as checking drying time, finish, fastness to light, water repellency, resistance to dry rubbing, pot life, and recoating properties. Durability tests are also conducted by exposing painted panels to natural weather conditions for up to 18 months to evaluate the paint's long-term performance.