



## **IS 2556 (Part 4): 2004 - Vitreous sanitary appliances (Vitreous China)**

### **Part 4 Specific requirements of wash basins**

A **ceramic wash basin** is a bowl-shaped, freestanding vessel made of ceramic that is used for washing hands, brushing teeth, and other purposes. It is a common fixture in bathrooms and kitchens and is often supplied with hot and cold water.

Consumers prioritize durability, aesthetic appeal, easy maintenance, and reliable performance in wash basins. High-quality wash basins should be resistant to cracks, chips, and discoloration. It should have a smooth, uniform glaze for an attractive finish and easy cleaning. It should offer reliable water drainage without overflow and have **standardized dimensions** to allow easy installation with plumbing fittings, **support weight without damage**, especially in wall-hung models.

IS 2556 Part 4: 2004 specifies standards for **vitreous sanitary appliances**, particularly **wash basins**. It outlines the essential requirements in terms of dimensions, materials, construction, performance, and quality, aimed at ensuring consumer satisfaction through consistency and durability for two main patterns—flat back and angle back.

The Indian Standard address these requirements by specifying **Dimensions**, Constructional requirements, **Load-Bearing Capacity** which required that the basin **withstands 110 kg** load for 1 hour without damage among various other requirements.

In summary, IS 2556 Part 4 standard ensures that wash basins meet consumers' expectations for reliability, aesthetics, and functionality, reinforcing industry consistency and safety in sanitary installations.