

IS 2556:1994 Part 5 Vitreous China Laboratory Sinks

Laboratory sinks made from **vitreous china** are **durable**, high-quality fixtures designed specifically for **laboratory** use. They are used where resistance to **chemicals, heat, and heavy use** is essential. They are made from a **smooth, non-porous ceramic material** and are highly **resistant to staining and scratching** and also easy to clean and maintain.

The vitreous china coating provides an added layer of durability and a **glossy finish**, enhancing both the **aesthetic** and functional qualities of the sink. Typically, these sinks are equipped with well-designed **drainage systems**, including waste outlets and overflow options, to efficiently handle various liquids and prevent **clogs**. This combination of strength, resistance, and functionality makes vitreous china sinks a preferred choice in scientific, medical, and **industrial** laboratory settings.

The Indian Standard IS **2556:1994 Part 5** ensures that laboratory sinks are constructed to meet the high standards necessary for laboratory environments, with robust materials and precise design features and resistance to damage from repeated use and exposure to chemicals.

The standard specifies the **requirements** for the **design, dimensions, and construction quality** of laboratory sinks. It specifies five standard sizes for sinks with the inside surface required to be smooth for efficient draining to avoid liquid pooling and easy **cleaning**. The standard also recommends **sampling and inspection** protocols as outlined in IS **9140** to ensure that each lot of sinks meets the quality criteria.