



IS 427 : 2013 Distemper, Dry, Colour As Required — Specification

The **Indian Standard IS 427: 2013** specifies the requirements for **dry distemper**, a widely used **interior paint** that provides a flat finish for **protection and decoration** of building surfaces. Consumers expect **high-quality parameters** from dry distemper, including **smooth application, fast drying time, resistance to alkali, and low lead content** to ensure safety, especially for children.

To meet these consumer expectations, the standard outlines specific **quality criteria**. For instance, the distemper must have a **maximum drying time** of three hours for hard drying, ensuring quick usability. It also mandates that the product should not exceed **300 ppm of lead**, addressing health concerns related to lead exposure. Additionally, the standard specifies that the distemper should exhibit **smooth and uniform consistency** suitable for application by brushing, which enhances the user experience.

Furthermore, IS 427 includes provisions for **marking and packaging**, ensuring that each container is labelled with essential information such as **lead content, batch number, and cautionary notes** regarding safety. This transparency helps consumers make informed choices about the products they use in their homes. The standard also promotes **environmental safety** through the **ECO-Mark** initiative, which encourages the use of eco-friendly materials.

In summary, IS 427: 2013 effectively addresses consumer demands for **quality, safety, and environmental responsibility** in dry distemper, making it a reliable choice for interior decoration and protection.