



## **IS 3537:2017 - Ready Mixed Paint, Finishing, Interior, for General Purposes, to Indian Standard Colours**

When selecting a paint for interior spaces, safety and performance are essential factors. The paint should provide a beautiful finish, resists wear, and meet stringent health and safety requirements, ensuring the space remains both attractive and safe. Selecting the right type of paint is crucial, as factors like **lead content, durability, and colour fastness** impact both safety and aesthetics.

The Indian Standard **IS 3537:2017**, developed by the Bureau of Indian Standards (BIS), specifies comprehensive requirements for ready-mixed paints designed for interior applications. This standard sets precise guidelines on composition, finish, and safety to ensure paints are safe, durable, and environmentally responsible.

**Key Features and Tests** ensure that these paints are safe and long-lasting:

- **Composition and Safety:** **Lead content** is limited to **300 ppm**, while **zinc oxide** and **white lead** are not allowed.
- **Colour and Finish Options:** Paints shall achieve a close match to the specified colours listed in IS 5. Available finishes include smooth and glossy, semi-glossy, egg-shell, and matte types.
- **Performance Requirements:** Paints are tested for various requirements, including:
  - **Light Fastness:** Ensures colours remain stable after exposure.
  - **Defined Drying Times:** Surface dry within 4 hours, hard dry within 12 hours, and tack-free within 24 hours, allowing practical application schedules.
  - **Water and Scratch Resistance:** Paints are tested for durability, including resistance to water exposure and scratch hardness, ensuring product longevity.

The standard also specifies detailed methods for **Sampling and Testing**, ensuring that the product meets the requirements.

**Packaging and Marking** requirements further support safe and effective usage:

- Paint shall be packed in durable metal containers conforming to **IS 1407 and IS 2552**. The standard provides information regarding the necessary instructions to be provided on the product for safe use, and marking requirements for identification.

In Summary, IS 3537:2017 provides specifications for ready-mixed interior paints, ensuring they meet strict safety and performance criteria.