



Indian Standard IS 3537:2017 - Ready Mixed Paint for Interior Use

When selecting paint for your interior spaces, safety and performance are essential factors. You want paint that offers a beautiful finish, resists wear, and meets stringent health and safety requirements, ensuring your space remains both attractive and safe. Choosing 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 friendly.

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

- **Composition and Safety:** Lead content is limited to 300 ppm, 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. Finishes are available in smooth and glossy, semi-glossy, egg-shell, and matt types.
- **Performance Requirements:** Paints are tested for various requirements, including:
 - **Light Fastness:** Ensuring colours remain stable even 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 standards. The standard provides information regarding the necessary instructions to be provided on the product for safe use, and marking requirements for identification.

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