

## Technical Data Sheet

# HR PLASTIC EMULSION

## Semi-Plastic Emulsion Paint



### Product Description

HR Plastic Emulsion is a high-quality semi-plastic emulsion paint designed for interior and exterior surfaces. It provides a smooth, washable, and attractive finish, with excellent adhesion and durability. It is suitable for walls and ceilings, giving a long-lasting, dirt-resistant, and aesthetically pleasing surface.

### Applications

- Interior walls and ceilings
- Exterior walls, facades, and plastered surfaces
- Residential, commercial, and institutional buildings
- Suitable for new and previously painted surfaces

### Key Features & Benefits

- Smooth and uniform finish
- Excellent adhesion to plaster, concrete, and masonry
- Washable and easy to maintain
- Resistant to chalking and peeling
- Quick-drying and low VOC
- Available in a wide range of colors



## Technical Properties

Property	Typical Value
Appearance	Semi-Matte / Satin
Base	Acrylic / Polymer Emulsion
Color	White / Colored (tintable)
Viscosity	90–100 KU (approx.)
Drying Time	30–60 minutes (surface dry)
Recoat Time	2–4 hours
Coverage	10–12 m <sup>2</sup> /L per coat (depends on surface texture)
Application Temperature	+10°C to +40°C
VOC Content	Low / Non-toxic



Shelf Life

12 months in original unopened container

## Method of Application

1. Surface Preparation: Ensure surfaces are clean, dry, and free from dust, grease, or loose material.
2. For new plaster, cure for at least 14 days before painting.
3. Stir HR Plastic Emulsion thoroughly before use.
4. Apply using brush, roller, or spray equipment.
5. Apply 2 coats for best coverage and finish.
6. Allow recommended drying time between coats.

## Surface Preparation

- Remove dirt, dust, grease, and loose material from the substrate
- Patch cracks and holes using suitable putty (e.g., HR Putty)
- Prime highly porous surfaces with a suitable primer if required

## Storage & Shelf Life

- Store in a cool, dry place away from direct sunlight and frost
- Keep container tightly sealed
- Shelf Life: 12 months in unopened original packaging.

## Health & Safety

- Avoid prolonged skin and eye contact
- Use gloves and protective goggles if needed
- Wash hands with water after handling
- Keep out of reach of children
- Refer to MSDS for detailed safety instructions

## Limitations

- Not suitable for metal or non-porous surfaces without primer
- Do not apply on wet or damp walls
- Protect painted surfaces from rain or moisture until fully dry



## Disclaimer

The information provided in this Technical Data Sheet is based on laboratory testing and field experience. Actual performance may vary depending on surface conditions and application methods. The manufacturer shall not be held responsible for improper use.

