



Plastic Distemper Technical Data Sheet

Product Description

Plastic Distemper is a high-quality, water-based interior paint that offers a durable, washable, and smooth finish for a variety of surfaces. Made with a blend of synthetic resins and pigments, Plastic Distemper provides an aesthetic appeal with a matte or eggshell finish that resists fading, dirt, and stains over time. It is designed to offer excellent opacity and coverage while remaining affordable, making it a popular choice for both residential and commercial spaces.

This versatile distemper is suitable for a wide range of interior applications, offering a smooth, even finish for walls and ceilings. Its advanced formulation ensures quick-drying, reducing waiting times between coats. Plastic Distemper has low-VOC (volatile organic compounds) properties, making it an environmentally friendly option that is safe to use in living areas.

The product is designed to maintain a long-lasting finish that resists peeling, cracking, or discoloration, even in high-traffic or high-moisture areas. It is highly resistant to dirt and stains, making it easy to clean with minimal effort. Available in a variety of colors, Plastic Distemper can be mixed with custom pigments to create a unique shade that suits your décor needs.

Plastic Distemper is also recognized for its non-toxic and low-odor properties, making it safe for use in homes, schools, hospitals, and offices. Its easy application and maintenance make it a preferred choice for professional painters and DIY enthusiasts alike.

Recommended Use

- Residential Use:** Plastic Distemper is ideal for use in homes, including living rooms, bedrooms, kitchens, and hallways. Its smooth finish enhances the look of interiors, while its durability ensures that the walls remain clean and fresh for longer periods. It is also suitable for use in bathrooms, as it can withstand light moisture conditions without compromising the quality of the finish.
- Commercial and Office Spaces:** In commercial and office environments, Plastic Distemper offers an affordable yet high-quality paint solution for walls and ceilings. Its durability against dirt and stains makes it a practical choice for high-traffic areas, while the wide range of available colors allows businesses to create a professional and welcoming atmosphere.
- Schools and Educational Institutions:** Plastic Distemper is a popular choice for educational institutions, such as schools and colleges. Its low odor and non-toxic formulation make it safe for children, while its ease of cleaning ensures that the walls and ceilings maintain a neat appearance despite frequent use.
- Hospitals and Healthcare Facilities:** Plastic Distemper is also an excellent choice for hospitals, clinics, and healthcare facilities. Its low VOC content and non-toxic properties make it safe for environments that require a high level of hygiene, while its durability ensures long-lasting protection against wear and tear.
- Renovation and Repainting:** Ideal for repainting and renovations, Plastic Distemper can be applied over previously painted surfaces with minimal preparation. Its superior covering capacity reduces the need for multiple coats, saving both time and money during the application process.
- Custom Color Applications:** Plastic Distemper is available in a range of colors and can be customized with pigment additions to match specific design needs. Whether you are looking for a neutral tone or a vibrant hue, Plastic Distemper provides the flexibility to achieve the desired look for any interior space.

Technical Data Specification



SPAKS LUBE PRIVATE LIMITED

J-896, Matsya Industrial Area, Alwar, Rajasthan - 301030
Email: support@spakslube.com | Website: www.spakslube.com

- **Colour:** Available in a wide range of colors; customizable with pigment addition.
- **Finish:** Smooth, matte or eggshell.
- **Viscosity:** 70-80 KU (Krebs Unit).
- **Binder:** Synthetic resin-based binder.
- **Specific Gravity:** 1.45–1.55 g/cm³.
- **Solvent Content:** Water-based (Low VOC).
- **Drying Time:** Touch dry in 30–60 minutes; recoat in 2–4 hours.
- **Coverage:** 8–10 m² per liter per coat.
- **Flash Point:** Non-flammable.
- **pH:** 8–9.
- **Volume Solid:** 35–40%.
- **VOC Content:** ≤ 50 g/L.
- **Binder Solid:** 30–35%.

Dosage, Addition, and Method of Application

1. **Dosage:**
 - Plastic Distemper typically covers 8 to 10 square meters per liter for one coat, depending on the porosity and texture of the surface. For the best results, two coats are recommended.
2. **Addition:**
 - If a custom color is desired, synthetic or organic pigments can be added to the base Plastic Distemper. Add pigment at a rate of 1–2% by volume depending on the desired color intensity.
 - In case the product becomes too thick during use, it can be thinned with water by up to 10%. However, it's advised not to dilute excessively to avoid reducing the paint's performance.
3. **Method of Application:**
 - **Surface Preparation:**
Before applying Plastic Distemper, ensure that the surface is clean, dry, and free of grease, dust, or any previous paint residues. Any cracks or imperfections should be filled with a suitable filler and allowed to dry. Sand the surface lightly to create an even texture.
 - **Mixing:**
Stir the Plastic Distemper thoroughly before use to achieve a uniform consistency. If necessary, dilute the paint with water to adjust its viscosity, but ensure that the dilution does not exceed 10% to maintain the paint's performance.
 - **Application by Brush:**
Use a high-quality synthetic brush for even application. Start from the edges and work towards the center, applying a thin, even coat. Allow the first coat to dry for 2 to 4 hours, and then apply a second coat for full coverage.
 - **Application by Roller:**
For large areas, use a medium-density roller to apply the paint. Roll in an "M" or "W" pattern to avoid streaks and ensure uniform coverage. Apply two coats, allowing each layer to dry completely before applying the next.
 - **Application by Spray:**
Plastic Distemper can also be applied using a spray system. If spraying, dilute the paint with water as needed to adjust the viscosity for spray application. Spray in even, overlapping passes to ensure full coverage. Allow each coat to dry thoroughly before applying additional layers.



SPAKS LUBE PRIVATE LIMITED

J-896, Matsya Industrial Area, Alwar, Rajasthan - 301030
Email: support@spakslube.com | Website: www.spakslube.com

- **Drying Time:**
Plastic Distemper dries to the touch within 30 to 60 minutes. Recoating can be done after 2–4 hours, depending on the ambient temperature and humidity. Full curing typically takes 24 hours.
- **Cleanup:**
Clean tools, brushes, and rollers with water immediately after use. Dried paint may require scrubbing with a brush or sponge.

Safety Instructions

1. **Handling:**
Always handle Plastic Distemper with care. Avoid skin and eye contact. In case of skin contact, wash with soap and water. For eye contact, rinse thoroughly with water for at least 15 minutes and seek medical attention if irritation persists.
2. **Ventilation:**
Ensure proper ventilation when applying Plastic Distemper in enclosed spaces. Open windows and use fans if necessary to help circulate fresh air and speed up drying.
3. **Protective Equipment:**
It is advisable to wear gloves, goggles, and a face mask while applying Plastic Distemper, especially in poorly ventilated areas, to protect against splashes and accidental inhalation of fumes.
4. **Storage:**
Store Plastic Distemper in a cool, dry location, away from direct sunlight and extreme temperatures. Ensure the lid is tightly closed to prevent contamination and drying out. Keep out of reach of children and pets.
5. **First Aid:**
 - **Eye Contact:** Rinse with plenty of water. Seek medical attention if irritation continues.
 - **Skin Contact:** Wash immediately with soap and water.
 - **Inhalation:** Move to fresh air. If symptoms persist, seek medical attention.
 - **Ingestion:** Rinse mouth and drink water. Seek medical help if needed.
6. **Disposal:**
Dispose of unused Plastic Distemper and containers in accordance with local environmental regulations. Do not dispose of paint in drains or waterways.

Plastic Distemper offers a cost-effective, environmentally friendly solution for interior painting, providing a durable and attractive finish that enhances the aesthetic appeal of any space. With its easy application, quick drying, and low odor, it is the ideal choice for both residential and commercial applications.