TECHNICAL DATASHEET

POLYCOLOR ANTI-BACTERIAL



Polycolor Anti-Bacterial is a low odor paint with **Silver Ion Technology.** This technology **inhibits the growth of bacteria and fungi on painted surface** which has been tested according to Japanese standard **JIS Z 2801:2010**. It guarantees to protect **against pathogenic or other E – coil** type bacteria. It is ideal choice for maintaining a **cleaner and healthier** environment.

PRODUCT BENEFITS

- **Silver Ion Technology:** The advanced technology kills 99% of infection of bacteria on painted surface within 2h of application.
- **Low Odor**: Being a water-based, ecological paint, it has a low odor, making it more pleasant to apply.
- **Durability**: The paint is designed to provide long-lasting protection, maintaining its antibacterial property over time.
- **Easy Maintenance**: The paint's properties make it easier to clean and maintain, ensuring that surfaces remain hygienic with minimal effort.
- **Healthcare Facilities**: Hospitals, clinics, and other healthcare environments where maintaining a sterile environment is crucial.
- **Residential Spaces**: Kitchens, bathrooms, and children's rooms to ensure a cleaner living environment.
- **Commercial Spaces**: Offices, schools, and public buildings to reduce the spread of bacteria and maintain hygiene.

PRODUCT FEATURES

Surface	For Interior use only
Available Pack	1 L, 5L, and 20L
Shelf life	2 years from date of manufacture in original tightly closed containers. Keep away from direct sunlight and excessive heat.
Available Color	White, Pastel, Mid Basic, Basic & Deep basic shades on need.
Coverage	12- 14 m^2/L/1 coat
Drying time to touch	20 - 30 Minutes @ 25°C / Fast drying technology

SURFACE PREPARATION

- New masonry surfaces must be allowed to cure completely. It is recommended to **Allow 28 days as the curing time for new masonry surfaces.**

- In areas experiencing excessive dampness, underlying surface exhibits chalkiness use wire brushing, **Polycolor Fungicidal Wash & Treatment** and apply **Terraco Handycoat Interior** followed by 1 coat of **Polycolor Interior/Exterior wall primer** and 2 – 3 coats of **POLYCOLOR MATT EMULSION PAINT PURE WHITE**.

APPLICATION PROCESS

Method	:	Brush, Roller, Airless spray
Thinning	:	Water
Dilution	:	Up to volume ratio (3:1) for 3 parts of paint & 1 part of water

TECHNICAL DETAILS

Drying Time	:	Surface dry time 30 mins
Recoat Application	:	After 3 - 4h
Finish	:	Satin, Smooth and Uniform
Volume Solid	:	Above 40%
Stability of Thinned Paint	:	To be used within 24h

POST PAINTING CARE

- Do not apply when ambient temperature is less than 5^0C or if the temperature might drop to this level within 4h of application.
- Do not over-thin or over-extend the brush.

PRECAUTIONS

- For the best performance of the paint, at regular intervals of six months a proper washing and cleaning of all algae and fungal growth must be carried out, if any.

SAFETY FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- In case of spillage, contain it using sand or earth.
- No added Lead, Mercury or Chromium compounds.

DISCLAIMER
These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

Polytol Paints

Manufactured and Distributed by
Polytol Paints & Adhesives Mfg Co. Ltd
Baie du Tombeau Rd, Riche Terre
Tel 249 1299 / 249 1499 / Fax 248 3988