

## TECHNICAL DATA SHEET

# HYGIENECOAT+

HYGIENECOAT+ is specially designed, water borne bactericidal single component hygiene paint for architectural interior walls. HYGIENECOAT+ is a tough and highly durable self protective paint against the growth of micro-organisms like mold, fungi, yeasts and bacteria. Its anti-microbial system does not leach out, unlike the traditional paints, and it therefore remains safe and active throughout the life of the product.

**Conforms to: JIS Z 2801 & ASTM E2180-01**



### Typical applications

- + Hospitals & nursing homes
- + Food processing units
- + Pharmaceutical plants
- + Schools, colleges class rooms
- + Hotels & restaurants
- + Community halls and other public places

### Features & Benefits

- + Water borne single-pack, low odor, rapid drying paint
- + Kills or inhibits the growth of harmful bacteria such as escherichia coli and staphylococcus
- + Excellent stain and scrub resistance
- + Easy to apply with conventional tools
- + High mechanical robustness
- + No fungus, algae, mildews growth on the cured paint film

### Technical information

**Materials:** Single pack modified polyurethane dispersion (pud)

**Color:** Available in all shades

**Recommended DFT:** 30-50 micron/coat

**Touch dry time:** 15-20 min

**Recoat time:** Min 3 hrs

(depending on air temperature & humidity)

**Finish:** Semi glossy

**Coverage:** Approx 120 - 150 sq.ft. / litre in two coats

**Cleaning solvent:** Water

**Recommended dilution (with water only):**

~ Brush and roller application: 10-15% by volume

~ Spray application: 15-20% by volume

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## Application Guidelines

### Surface preparation

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Surface must be free from dirt, grease, oils and any other foreign substances. Any flakes of old paint or powdery residues must be scrapped off and cleaned thoroughly by sanding using an emery paper. Algae and fungus on walls to be removed by high pressure water wash or coir brush and apply Bio-Wash fungicidal solution if needed. Fill cracks with suitable crack filling chemicals prior to start the painting job.

Apply PRIMER W2K on well-prepared surface. Apply suitable putty to remove the undulation on the surface. Once the putty dries sufficiently hard smoothen the surface by sanding with emery paper No. 320. Apply one coat of PRIMER W2K on the sanded surface and allow it to dry for 3-4 hrs prior to the application of Hygienecoat+ finish.

### Precautions & limitations

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- + HYGIENECOAT+ is for Interior use only
- + Do not apply when concrete surfaces or ambient temperatures are below the dew point
- + Material and the substrate temperature should be above 10°C and below 50°C before use
- + Application on direct sunlight and windy situation may affect the paint performance

### Product specs

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**Storage:** Store in cool & dry place.

Keep container tightly closed in a secure, upright position. Store in accordance with local regulations.

**Packing:** 2 & 20 ltr

**Shelf life (when stored as recommended):** Min 36 months

### Mixing and Application

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Stir the paint before application and then thin down to applicable consistency with required quantity of potable water. Mix thoroughly till the components become homogenous. Apply the paint liberally with paint brush followed by rollers. Apply 2-3 coats of Hygienecoat+ to achieve the desire opacity as well as finish depending on the shades. Provide 3-4 hrs drying interval in between the coats.

### Cleaning

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Clean all tools and spillage of paint with water immediately after application.