

Product Description

La BioKleen Cote, is a water based, anti-microbial, sterile coating specially designed for internal walls. It is formulated by using high quality polyurethane resin and other high performance additives.

It is used as a sterile coating for hospitals, pharmaceuticals, food industries, dairies, etc as it is highly resistant to almost all kinds of stains and has extremely high wet scrub resistance. It provides protective barrier against harbouring of bacteria and germs on wall surfaces & ceilings.

The anti-bacterial property kills and / or inhibits the growth of harmful bacteria species such as:

- Escherichia Coli (E-Coli) (AT CC 25922)
- Staphylococcus Aureus (AT CC 6538)
- Legionella Pneumophila (AT CC 43111)
- Salmonella Typhimurium (AT CC 14028)
- Pseudomonas Aeruginosa (AT CC 9027)
- Methicillin Resistance S. Aureus (MRSA)
- Bacillus subtilis (MTCC 3055)
- Candida albicans (MTCC 227)
- Enterobacter aerogenes (MTCC 111)
- Enterococcus Faecalis (MTCC 2729)
- Escherichia coli (MTCC 2939)
- Klebsiella pneumoniae (MTCC 39)

Advantages

- Highly sterile areas for walls and ceiling surfaces
- Hospitals–Ultra Clean room applications - Operation Theatres (regular and modular) and ICU's/ Burn Care units & all critical areas.
- Pharmaceutical and Bulk Drug Units
- Food Processing Facilities
- Breweries, Wine and beverage manufacturing units
- Dairies

Features & Benefits

- **Anti-microbial** - Provides hygienic sterile wall surfaces by preventing the growth of micro-organisms such as bacteria, algae and fungi
- **Stain resistant** - Resists almost all kind of stains especially betadine and other biofluids
- **Cleanliness** - Maintains cleanliness in ultra clean rooms.
- **Scrub resistant** – Tough & durable coating provides very high wet scrub resistance.
- **Toxicity** - It is Non-Toxic
- **Eco-friendly** – It is water based without any VOC.
- **Ease of application** - No Dilution required and can be applied by brush, roller or spray.
- **Contain EPA approved Biocide** – Mandatory requirement for antimicrobial coatings in US

Application Instructions

1. Surface Preparation

Surface preparation for new concrete & cementitious surfaces

New concrete & plastered surfaces must be allowed to cure for at least 6-8 weeks before coating. All surfaces must be clean, dry and free of loose material, oil & grease, etc. All cracks and gaps should be filled appropriately with La CrackFill and subsequently make the surface smooth.

Entirely remove any previous growth of fungus & algae by vigorous wire brushing and by cleaning with water.

Treat with anti-fungal cleaning agent to ensure complete removal of algae & fungal growth.

Previously painted surfaces

Alkyd paint, if any, should be sanded thoroughly to remove loose particles and made dull and matt for better adhesion. Treatment for algae & fungal growth remains same as stated earlier.

Modular OT : surface preparation

Fill all the joints and grooves with appropriate sealant. Surface to be treated should be sanded with emery paper. Wash and clean with water. Allow the surface to dry.

2. Priming

Cementitious surfaces

La PrimeCote is to be applied by thinning with water. The primer coat is to be applied with brush. Coverage approximately 8-10 m² / litre. Allow it to dry for 2-3 hrs before proceeding for further applications.

Surface levelling

Allow the surface to dry for 4-5 hrs then level the surface with acrylic putty in 2 coats with interval of 6-8 hrs.

Re-Priming

Apply one coat of suitable water based primer before application of La BioKleen Cote for achieving uniform coating

3. Application & Finishing

Allow the primer to dry for 4-5 hrs and then apply 2 coats of La BioKleen Cote without any dilution with interval of 6-8 hrs.

For Modular OT

Dilute La BioKleen Cote in the ratio of 1:1 by volume with water and apply the same as priming coat. Allow to dry for 6-8 hrs and then apply two coats of La BioKleen Cote without any dilution with time interval of 6-8 hrs.

Package

20 Ltr

Coverage

5-6 m² / ltr for two coats.

Coverage may vary depending upon nature and texture of substrate.

Shelf Life

Shelf life is 12 months from the date of manufacturing in unopened condition. Store in a cool & dry place.

Precautions & Limitations

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- Do not dilute La BioKleen Cote
- Treat the surface with La BioKleen Cote prior to putty application
- Apply touch-up primer over touch-up putty to avoid patchiness.
- Not recommended for bathrooms & wet areas

Health & Safety

Skin Contact: Wash skin with soap & water. Remove contaminated clothes. On eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Colour		White
Texture		Smooth (Matt Finish)
Specific gravity @ 30°C		1.3
Solid content, %	AST M D 1010	51 ± 1
Dry film thickness, Micron		30-40 per coat
Drying time, Hrs @ 30°C & 60% RH		3-4
Re coating time, Hrs @ 30°C & 60% RH		6-8
Method of Application		By Brush, Roller
Elongation, %	AST M D 412-02	Minimum 100
Rapid chloride permeability	AST M C 1202 - 97	Low
Water permeability (5 bar pressure)	BS EN 12390, part 8:2000	Nil

Important: La Greens India Pvt. Ltd., products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, La Greens India does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



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