



NANOTECH ANTI BACTERIAL

PRODUCT DATA SHEET

NANOTECH ANTIBACTERIAL is an acrylic-based emulsion paint which contains a highly active nano silver anti – bacterial agent. **NANOTECH ANTIBACTERIAL** works by releasing silver ions at the surface of the paint film in a controlled manner, it is highly effective against Methicillin Resistant Staphylococcus Aureus, Klebsillia species, Aspergillus Niger and other gram positive, gram negative micro organisms. **NANOTECH ANTIBACTERIAL** can easily be cleaned and washed, it is resistant to common household detergents and disinfectants.

NANOTECH ANTIBACTERIAL can be used safely in areas where a high level of hygienic properties is required and contributes to a cleaner, healthier environment. Its action is long lasting as the silver ions remain effective even after they have sterilised the micro – organisms.

USAGE

Suitably primed cement based surfaces, primed wood and primed wood related substrates:

- Interior of hospitals, clinics and other medical facilities.
- Interior of food processing plants and food catering facilities.
- Interior of public facilities such as schools and kindergartens.
- Interior of restaurants, cafeterias, dining areas.
- Interior of common areas such as corridors, halls, gymnasiums.
- Interior of nursing homes and homes for old aged.

PHYSICAL DATA

- **Finish:** Silk
- **Colour:** See Mauvilac Colour Card. (White & Pastel colours only)
- **Consistency:** Viscous Liquid
- **Specific Gravity:** 1.30 (approx.)
- **Volume Solids:** 35% (approx.)
- **Flash Point:** Not Applicable
- **VOC:** < 30 g/l
- **Shelf Life:** 12 months
- **Packing:** 5 L, 20 L

Paints should be stirred before use and occasionally whilst in use.
Contact your supplier for further information

APPLICATION

- **Surface preparation:** See method SP 001
- **Application method:** Apply three coats by roller or brush onto clean, dry and sealed surface. **NANOTECH ANTIBACTERIAL** can be applied by airless or low-pressure spray equipment.
- **Dilution:** Not necessary. However if dilution is required for ease of application, thin down with water as required.
- **Spreading rate / Film thickness:** One litre of **NANOTECH ANTIBACTERIAL** will cover between 8 and 10 m² of surface in one coat ; at this spreading rate the dry film thickness will vary between 40 and 35 microns on a completely smooth, non absorbent surface.
- **Drying time:** Approximately 30 minutes to touch dry, **NANOTECH ANTIBACTERIAL** can be over-coated after approximately 3 hours.
- **Cleaning solvent:** Use water; if necessary add some liquid detergent to warm water.
- **Preceding coat:** Use **MAUVILITH SEALER** as a sealer and primer on new cement substrates, on powdery or absorbent surfaces and on wood and wood related products. **WOOD PRIMER** can also be used on wood and wood related products
- **Subsequent coat:** Not recommended.

SAFETY

- **NANOTECH ANTIBACTERIAL** can be safely used in rooms that will be occupied the following day.
- Do not use on baby cribs or children's' toys.
- Wear adequate protective equipment during application, remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.

MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

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.