



DELTA NANO HYGIENE XT

Nano Titanium Dioxide Anti-Microbial Coating

DESCRIPTION

Delta Nano Hygiene XT comprises of water-based nano-sized TiO₂ (titanium dioxide) solution. It is integrated with other proprietary nano-sized functional additives to enable it to be functional in indoor conditions. It is an anti-microbial coating specially formulated for difficult building interiors surfaces such as sanitary areas.

BENEFITS

- ❖ Provide a hygienic surface for sanitary wares
- ❖ Improve indoor environment quality of toilet, bathroom, etc.
- ❖ Environmentally friendly technology
- ❖ Do not contain toxic chemicals or solvents
- ❖ Contribute to the green mark score for **BCA Green Mark Scheme under 'Green Features and Innovation'**
- ❖ **HACCP certified to Singapore Standard** for use in food processing facilities.

USES

- ❖ Ideal for use as anti-microbial coating on sanitary surfaces.
- ❖ For de-odorizing of sanitary wares, toilet etc.

FINISH

Transparent finishing

COLOUR

Light grey

SURFACE PREPARATION

Make sure the surface to be applied is clean, dry and oil-free.

APPLICATION

- 3 passes of Delta Nano Hygiene XT @ 75 – 90 m²/litre/pass.

Tools – Applied by spray gun with atomized air and alternating vertical and horizontal spray movement.

Recoating time – Interval between pass: when previous pass is dry



Delta Intercontinental Pte Ltd
38 Woodlands Industrial Park E1, #06-04
Singapore 757700

Ref. No.: 052020

Tel : +65 6219 0700 Fax: +65 6219 2822
Email : deltaintercon@singnet.com.sg
Website : www.deltaintercon.com.sg



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TECHNICAL AND APPLICATION DATA

1) Anti Microbial (JIS R1702:2006)	See report enclosed
2) Anti Algae Test	See report enclosed
3) Dye Oxidation Test	See report enclosed
4) Accelerated Weathering (ISO 11341:2004)	See report enclosed
5) Industrial Hygiene Monitoring tested by Setsco	See report enclosed

STORAGE CODITIONS AND SHELF LIFE

The solution should be stored in a cool, dry place without exposure to direct sunlight. Shelf life of material is 24 months.

PACKAGING

1 litre bottle.



SAFETY

General PPE and safety measures for chemicals to be complied with. There should be appropriate ventilation and exhaust at application area.