



DELTA NANO HYGIENE IAQ

Nano Titanium Dioxide Anti-Microbial Coating



DESCRIPTION

Delta Nano Hygiene IAQ comprises of water-based nano-sized TiO₂ (titanium dioxide) solution. It is integrated with other proprietary functional additives to enable it to be functional in indoor conditions. It improves indoor air quality by eliminating odors, molds and mitigates the surface to surface contact transmission of bacteria and viruses.

BENEFITS

- ❖ Provide a hygienic surface for building interiors by preventing the growth of bacteria, virus and mold.
- ❖ Improve indoor air quality
- ❖ Environmentally friendly technology
- ❖ Does not contain toxic chemicals or solvents
- ❖ HACCP certified to Singapore Standard for use in food processing facilities

USES

- ❖ Offices
- ❖ Home/Dormitory
- ❖ Hotel rooms
- ❖ Kindergarten and schools
- ❖ Bars and restaurants

- ❖ General working and living building interiors

FINISH

Transparent finishing

SURFACE PREPARATION

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

APPLICATION

- 2 passes of Delta Nano Hygiene IAQ @ 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

TECHNICAL AND APPLICATION DATA

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

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

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



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PACKAGING

1 litre bottle.

STORAGE CONDITIONS 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.

SAFETY

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