



# Aquatec Fine Urethane

THE ALL-ROUND COST EFFECTIVE EXTERIOR PAINT



Fire  
Retardant



Chemical  
Resistant



Anti-Fungus



Humidity  
Resistant



**CIC GREEN**  
PRODUCT CERTIFICATION  
CICGPC-L-17012(P&C)



## Highlight

Nippon Paint Aquatec Fine Urethane Exterior Paint is an excellent durable water base paint in Polyurethane resin. Its all-round performance ensured chemical & fungal resistant especially for Hong Kong environment. It is the most cost effective exterior paint's selection. This product is certified with "CIC Green Product Certification-Platinum."

## Benefits



Strong at chemical resistant and anti-fungus function, maintains durable performance over years.



## Performance Data

Test	Test Method	Results
Acid resistance (Immersion in 0.1% HCl solution for 24 hours at ambient)	BS EN ISO 2812-1:2007	No discernible change
Alkali resistance	JIS K5660:1995 4.11	More than 65% gloss retention after 7 days immersion; no abnormalities on film surface
Salt water resistance	JIS K5400 8.23	No change in paint film after 168 hours immersed in 3% sodium chloride solution
Water resistance	JIS K5660:1995 4.10	96% gloss retention after 96 hour immersion; no abnormalities on film surface
Humidity resistance for 3000 hours	BS3900:F9:2001	No discernible change
Adhesion	BS 3900:E6:2007	Classification : 0
Humidity and cool-heat cycling resistance	JIS K5660:1995 4.13	> 99% gloss retention; no abnormalities on film surface
Determination of resistance of fungal growth	BS3900:G6:1989	Rating : 0
Fungus and mould resistance	JIS Z2911	Pass
Wet scurb resistance	JIS K5660:1995 4.12	Pass 1,000 cycles
Weather resistance (12 months test)	JIS 5660	Degree of chalking is 6 points or more; no cracking, swelling, holes, blistering; negligible change in color and gloss
Accelerated weather resistance (480 hours test)	ASTM G53-88	66% gloss retention; degree of chalking is 8 points or more; negligible change in color
Ignitability	BS476, Part 5	Non-ignitable
Fire Propagation Index	BS476, Part 6	4.64
Surface spread of flame	BS476, Part 7	Class 1

## Technical Data

Type	Polyurethane Paint
Colour	Nippon Paint 1881 Colour Creations
Finish	Matt / Semi-Gloss
Application Method	• Brush • Roller • Spray
Theoretical Coverage	Theoretical : 0.15 - 0.16 kg/ m <sup>2</sup> Practical : Depends on substrate condition, application method, etc
Dilution	Max. 5 - 10% (use clean water)
Drying Time	Touch Dry: 10 minutes (at 25°C) Dust Free: 30 minutes (at 25°C) Overcoat Time: ≥ 2 hrs (at 25°C)
Recommended Painting System	1 coat : Nippon Paint Ultra Sealer III 2 coats : Nippon Paint Aquatec Fine Urethane
Solid Content	52 ± 4% by volume
Specific Gravity	1.25 at 25°C
Packing	20 kg
Storage	Microbial contaminants cause pain to spoil. Keep excess paint clean, reseal lid and store in cool and dry place
Shelf Life	36 months in sealed original packaging stored at room temperature and shaded place
Surface Preparation	Surface should be completely dry. (The moisture content of substrate should be less than 6% or 19 determined by Protimeter, pH value below 10). Avoid painting when the temperature is below 5°C or the humidity is over 85%
Precaution	Do not mix thinner for dilution. When applying ensure adequate ventilation during use. Avoid Undue contact with skin. All equipment should be cleaned with water immediately after use.

## Job References



West Kowloon Law Court Building



Discovery Bay Plaza



HK Electric Headquarter



Cathy Pacific City



Hong Kong Community College