

# Aquatec Fluorocarbon F100

THE LEGENDARY PROTECTION SHIELD



Low Odor



Auto Self  
Cleaning Feature



Excellent  
Weathering  
Resistance



12 Years Lifespan



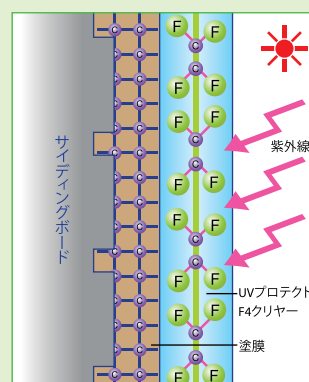


## Highlight

Water Borne Fluorocarbon is one of the most stable paint in the latest technology with green properties certified by the **Hong Kong Green Label Scheme**.

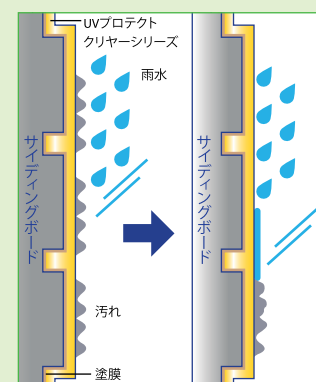
## Our Technologies

### Long Lasting Dazzling Outlook



The sturdy bonding of fluorocarbon enhances the strength of the film, act as an extra guarding layer on top, keeping the colour brilliantly after years.

### Self Cleaning Automation



Tremendously strong cohesion bonding reduce the tiny holes significantly and maximize the efficiency of rain washing self cleaning effort.

## F 100 Performance Data

Properties	Test Method	Result
Water Resistance	JIS K5660 :2008 7.11	After immersion in water for 96 hours, the gloss retention ratio is 99% and there is no change in the paint film
Alkali Resistance	JIS K 5660 : 2008 7.12	After immersion in alkali for 7 days, the gloss retention ratio is 97% and there is no change in the paint film
Washability	JIS K5660 : 2008 7.13	Possible to resist washing for 1000 times
Salt Water Resistance (3000 Hours)	JIS K 5400 : 1990 8.23	No damage observed on the paint film
Heat Resistance	JIS K5660 : 2008 7.14	The gloss retention is 99%
Dirt Resistance	Ref. JIS K5660 : 2008 7.16	5 (Grey Scale)
Humidity and Cool-Heat Cycling Resistance	JIS K5660 : 2008 7.14	The gloss retention is 99% and enduring for humidity and cool-heat cycling test
Accelerated Weathering Resistance (2000 Hours)	ASTM G154-16	Gloss retention : 98% 4 (Grey Scale) Negligible change in colour when compared to control sample
Water Permeability (ml)	JIS A6909 6.13 (Test Method B)	0

## Advantages

### Less Effort Needed

Hydrophilic properties allows rain water wash away dirt easily  
Excellent weathering resistance tolerate less cleaning effort yet look dirt free

### The Real Green Product

Certified by Hong Kong Green Label Scheme

### Less Future Cost Consumption

Long life span over 12 years, reduce the effort in renovation or repainting (application method and substrate may affect the performance)

## Technical Data

Type	Modified Fluorocarbon Resin
Colour	Nippon Paint 1881 Colour Creations
Finish	Matt / Semi Gloss
Application Method	• Brush • Roller • Airless Spray
Coverage	Theoretical : 0.14 kg/m <sup>2</sup> Practical : Depends on substrate condition, application method, etc
Dilution	Roller : 0 - 5% Air Spray : 10 - 20% (Use Tap Water)
Drying Time	Surface Dry : > 2 hours (at 25°C) Overcoating : > 4 hours (at 25°C)
Recommended Painting System	• 1 coat : Nippon Paint Ultra Sealer III • 1 coat : Nippon Paint Tilelac Texture Base Coat (Optional - For texture finish only) • 1 coat : Nippon Paint Aquatec Fluorocarbon F100 Mid-Coat • 1 coat : Nippon Paint Aquatec Fluorocarbon F100
Solid Content	44 ± 4% by volume
Specific Gravity	1.00 - 1.40
Packing	20 kg
Storage	Microbial contaminants cause paint to spoil Keep excess paint clean, reseal lid and store in cool and dry place
Shelf Life	Up to 24 months in sealed original packaging stored at room temperature and shaded place
Precaution	1. Avoid painting when the temperature is below 5°C or the humidity is over 85% 2. Make surface dry completely. (Moisture content below 6%, or 19 determined by Protimeter and pH value below 10.) 3. For spray application, use a cover to keep the surface away from splashing paint 4. Please refer to MSDS before using

## Job References



Wong Tai Sin Temple Mall



PMQ



Matilda International Hospital



Gateway TS



Ocean Park