BONNFLON AGC

BONNFLON GT

Fluoropolymer-resin based coatings responded to particular status environment

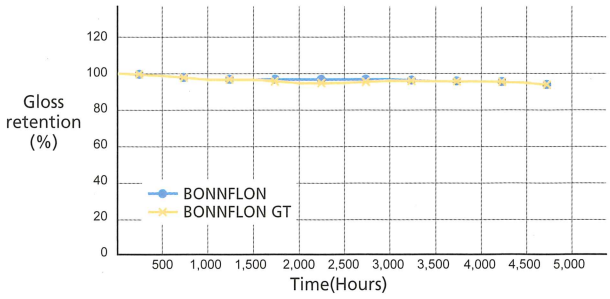
Explanation of GT (Great Tolerance)

AGC Coat-tech.Co.Ltd., has improved about restraint of photocatalytic reaction of titanium oxide that had often been seen in a particular status environment.
In a particular status environment (Severe enviroments such as High temperature, High humidity, Coast areas, Isolated islands),
BONNFLON GT enables the full performance of fluoropolymer coatings.

Performance data of BONNFLON GT

1. Accelerated weathering test by S-WOM

Result of S-WOM

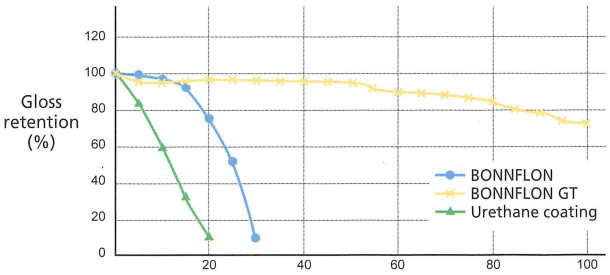


BONNFLON and BONNFLON GT shows excellent results.

BONNFLON
BONNFLON GT

2. Super accelerated weathering test by Xenon lamp used hydrogen peroxide

Result of Super accelerated weathering test



BONNFLON GT shows the improvement of remarkable weather resistance comparing with BONNFLON with the result of Super accelerated weathering test.
Therefore, BONNFLON GT enables excellent weather resistance under several envionment.

BONNFLON
BONNFLON GT
Urethane coating

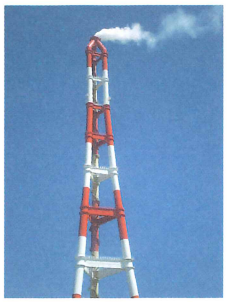
About super accelerated weathering test by Xenon lamp used hydrogen peroxide

It is different from normal accelerated weathering test, and its test method forces titanium oxide used white pigments to deterioration of photocatalytic.
※Please refer the test result of accelerated weathering test by S-WOM under normal environment.

Job results of BONNFLON GT

It is very effective in the area of salt damege (Building near ocean) and particular status environment.


Dormitory near coast (Japan)


Chimney of AGC's factory (Japan)

BONNFLON AGC

BONNFLON SR(Soil Release)

The thoughts behind techniques devised for the reduction of stain stripes of coated surfaces by rain

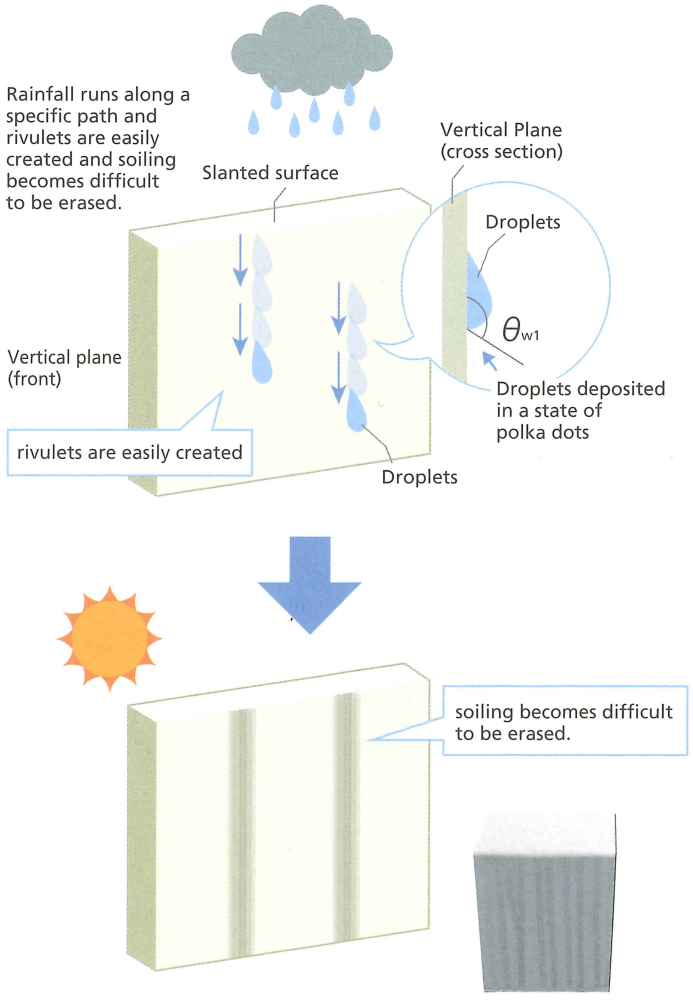
In order to reduce the soiling of coated surfaces by urban polluted rainfall of oily contaminants, it is necessary to transform the coated surfaces to become hydrophilic and evaporate oily contaminants and satisfying the following technical conditions of 1～3.

1 When the weather is fair, pollutants containing oily substances should be made difficult to adhere to slanting coated surfaces where they are otherwise easy to accumulate.

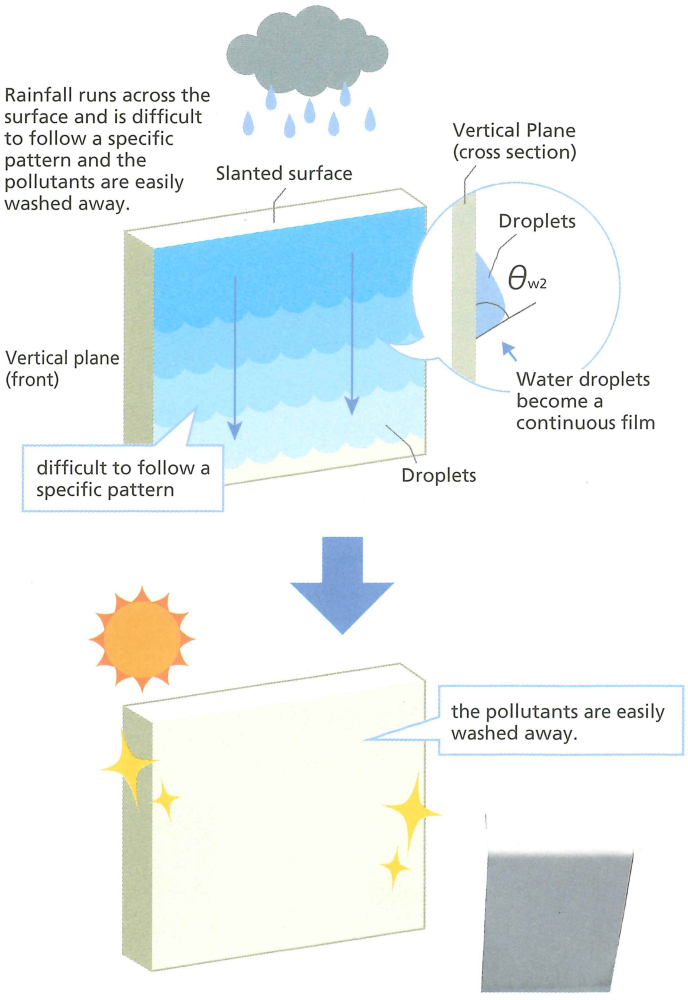
2 When raining, pollutants containing oily substances should be made to easily drop from the coated surfaces together with the rainfall.

3 During rainfall make the rain water avoid making specific rivulets and fall equally over a wide area to run off across the coated surface in an even pattern.

Coated surfaces (conventional)



SR Coated surfaces



AGC COAT-TECH Co., Ltd.
http://www.agccoat-tech.co.jp

Head Office
101-0054 Comfort Yasuda Bldg. 5FL 2-9, Kandanishiki-cho, Chiyoda-ku, Tokyo, Japan
Tel: 03-5217-5100 Fax: 03-5217-5105

Paint Buisiness Division
101-0054 Comfort Yasuda Bldg. 5FL 2-9, Kandanishiki-cho, Chiyoda-ku, Tokyo, Japan
Tel: 03-5217-5101 Fax: 03-5217-5106