

Hydrophilic Modifier "ZEFFLE GH"

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What is Rain-induced Soiling?

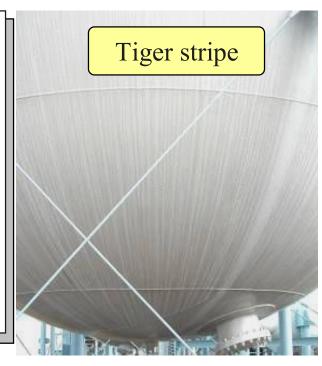
Recently rainy stripe on building(is called Tiger stripe) is becoming a problem in Asia and EU.

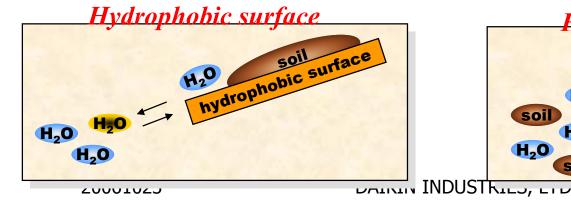
For this problem the trend is to change the paint surface from hydrophobic to hydrophilic.

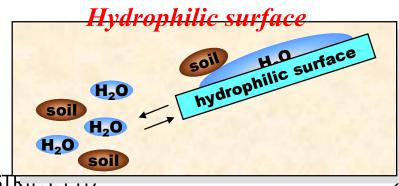
Hydrophilic surface become familiar with rain water and washes hydrophobic soils.

ZEFFLE GH is a hydrophilic modifier for solvent paint.

In Japan GH is used on site coating.

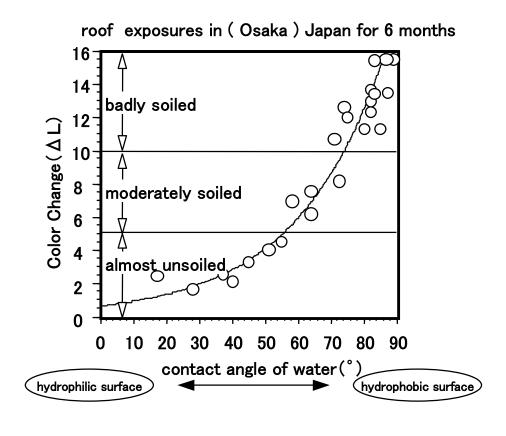


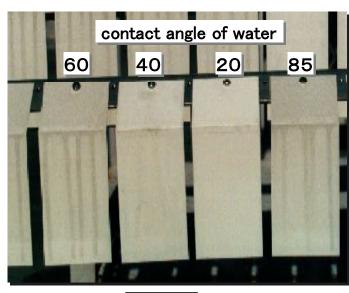




DAIKIN Effect of Surface Energy on Rain-Induced Soiling

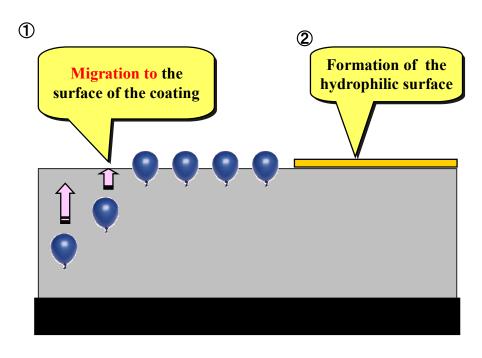
Relationship between Surface Energy and Rain-Induced Soiling



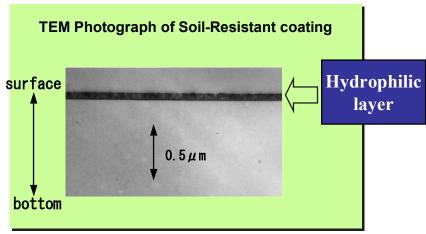




Mechanism of Hydrophilic Surface



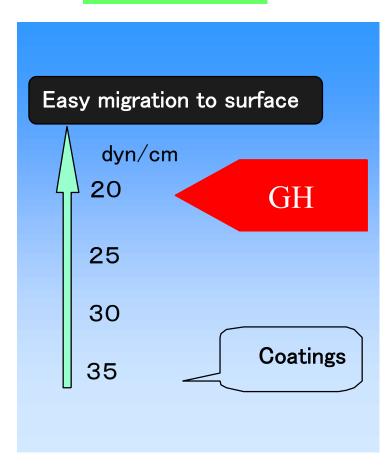
Hydrophilic Surface Modifier

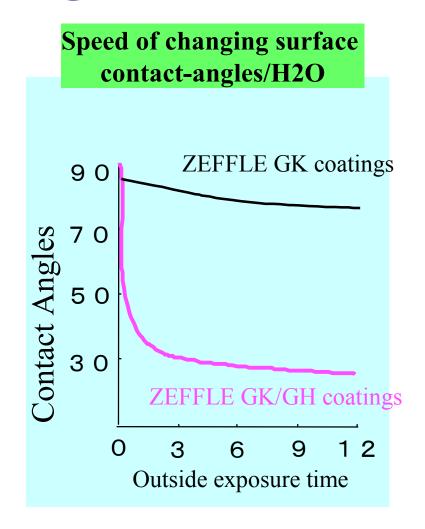




Feature of ZEFFLE GH

Surface Tension

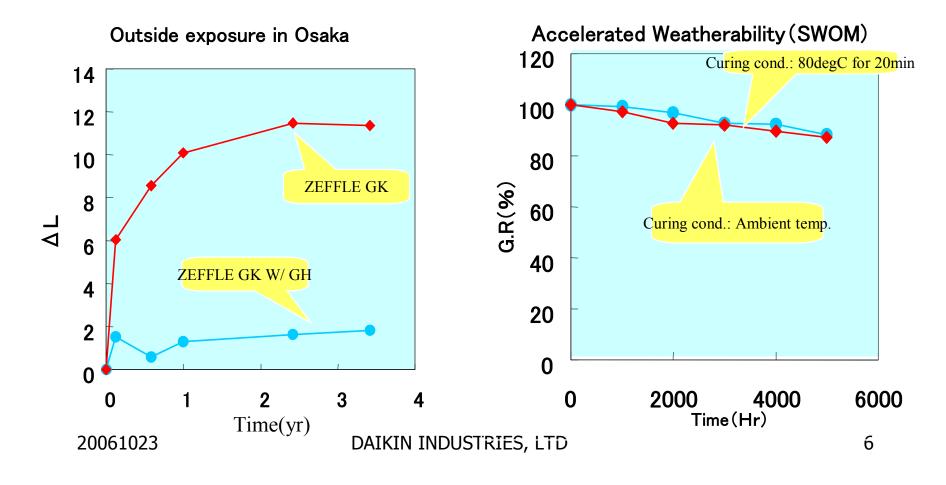






Weatherability

ZEFFLE GK White coatings(X-linker; Isocyanate)





Summery

ZEFFLE GH:

- ➤ Hydrophilic modifier for solvent paint
- Easily Migration to the surface of the coating
- ➤ Formation of the hydrophilic surface ♦ Show Very low contact angles

Chemical tank(after 4years)



ZEFFLE GK coating ZEFFLE GK /GH coatings