

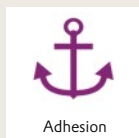
# Focus Products for Waterborne Corrosion Protection



## Long-term durability is the main purpose of protective coatings

Around the globe, current and future legislations are raising the bar for sustainable high solid protective coatings. At Evonik Coating Additives, we have most of the essential ingredients for your formulation.

## PRODUCTS FOR WATERBORNE PROTECTIVE COATINGS



Adhesion

### TEGO® AddBond DS 1300

- Dispersion of modified polyester
- Excellent improvement of adhesion & corrosion protection
- 45% active matter content



Rheology Control

### AEROSIL® R 974 and AEROSIL® R 812 S

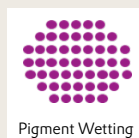
- Fumed hydrophobic silica
- After-treated with silane
- 100% powder



Defoaming & Deaerating

### TEGO® Airex 901 W

- Siloxane-based deaerator
- Outstandingly effective against micro-foam
- 100% active matter content



Pigment Wetting

### TEGO® Dispers 757 W

- Anionic, high polymeric wetting and dispersing additive
- Stabilizes inorganic and organic pigments
- 40% active matter content



Substrate Wetting

### TEGO® Twin 4100

- Siloxane-based gemini surfactant
- Substrate wetting & anti-crater effect
- 100% active matter content



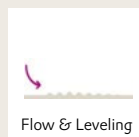
Pigment Wetting

### ZETASPERSE® 3800

- Polymeric, slightly anionic wetting and dispersing additive
- For all kinds of pigments
- Solvent-free & label-free
- 40% active matter content



Substrate Wetting



Flow & Leveling

### SURFYNOL® 420

- Multi-functional surfactant
- Provides dynamic wetting and molecular defoaming
- 100% active matter content

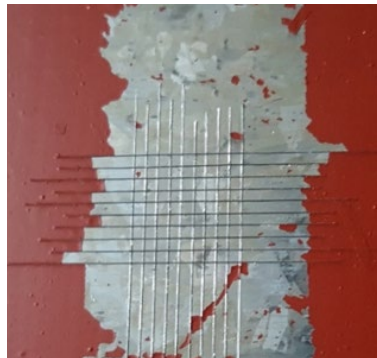


Click here for more information!

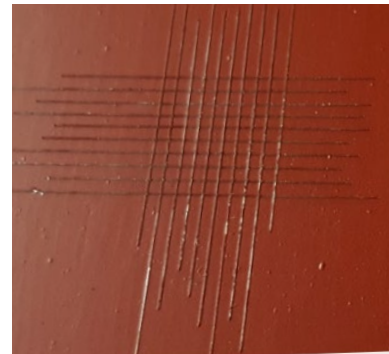
## TEGO® AddBond DS 1300

Improved adhesion on galvanized steel

Wb, styrene acrylic emulsion



Blank



+ 8 % TEGO® AddBond DS 1300

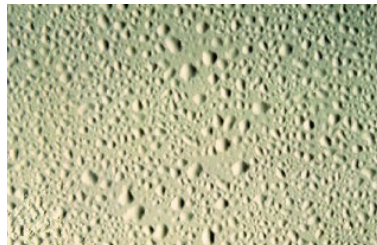
## AEROSIL® R 812 S

Fumed silica after-treated with HMDS (hexamethyldisilazane)

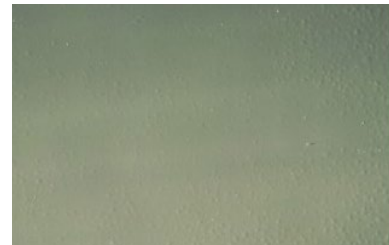
### Improving water resistance through hydrophobic effect

Condensed water climate  
360 hours

High solid polyester/melamine



Blank

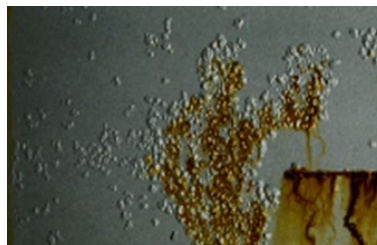


+ 0.5 % AEROSIL® R 812 S

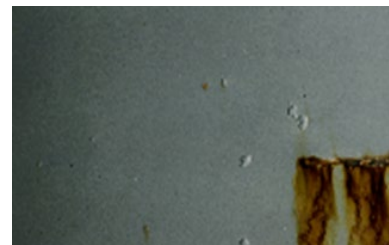
### Improving corrosion protection through hydrophobic effect

SST 500 hours

Wb, primer based on alkyd/acrylate



Blank



+ 1 % AEROSIL® R 812 S

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