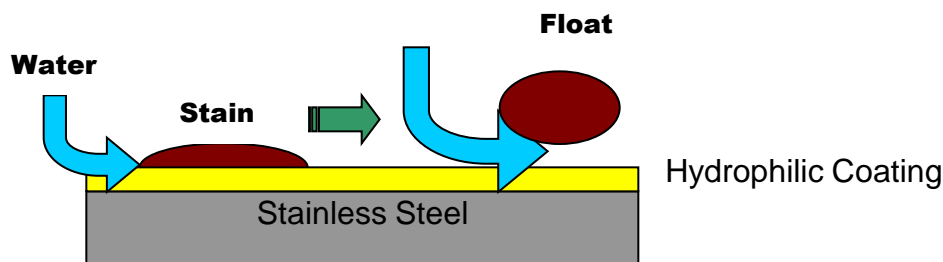


Hydrophilic Coating Solution for Stainless Steel Products

Features

- ① Enable to remove various oily stains on stainless steels using WATER.
- ② Enable to avoid color change of stainless steels at high temperature.
- ③ Excellent scratching resistance. Pencil hardness is 9H.
- ④ Long durability. Over 10 years reliability for kitchen sink.
- ⑤ Hydrophilic films with high transparency. Only 0.5um!

Mechanism for removing stains



Durability for various liquids

Test Method	Result	Test Method	Result
Tap water at 98C	No change after 4 weeks	Distilled water at 40C	No change after 4 weeks
5% NaOH at RT	No change after 4 weeks	Saturated NaCl at RT	No change after 4 weeks
5% HCl at RT	No change for films. Color change for stainless steel	C ₂ H ₅ OH at RT	No change after 4 weeks

This coating film shows excellent durability for various liquids.



Evaluation of color changes using burner on plates with and without coatings (left: without coating right: with coating)