



Made in JAPAN

Ultra Anti-Corrosion, Durability, and High Quality

Main Ingredients: Transition metal oxide glass (SiO2) / Water-soluble alcohols such as IPA

Achieves an astonishing 435 kj/mol ultraviolet destruction energy, far exceeding the <410 kj/mol> threshold.

A carbon-free, quartz-based inorganic solvent specially designed to prevent oxidation and deterioration

Long-term durability (measured in decades)
Ministry of Land, Infrastructure, Transport and Tourism quality test / Flame-retardant glass certification.



Complete rust prevention that can withstand spray tests with eight times the concentration of seawater.

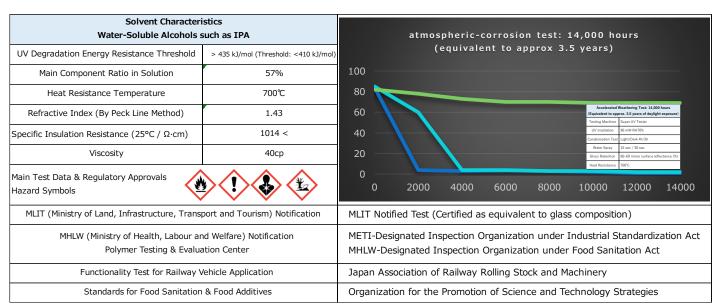
Salt spray test (SST) specifications, JIS K5600-7:2014 JIS H8502:1999 test specifications.



T&I Absolute Shield



Various test results: excellent weather resistance and resistance to deterioration



Test Item	Test Conditions (JIS Standard or Equivalent)	Test Result
Weather Resistance	Super UV Tester 14,000h (Equivalent to approx. 3 years of daylight exposure)	No abnormalities
Adhesion (Tape)	JIS K5400 Cross-cut test with adhesive tape	100 / 100
Adhesive Strength	Tensile pull-off test using SS400 steel plate (Building Research Institute method)	35.3 kgf
Salt Resistance	Immersion in 3.8% NaCl aqueous solution for 1 month	No abnormalities
Acid Resistance	Immersion in 5% sulfuric acid (H ₂ SO ₄) solution for 1 month	No abnormalities
Solvent Resistance	Rubbing test with lacquer, thinner, and unleaded gasoline (500g $ imes$ ϕ 10, back-and-forth motion)	No abnormalities
Solvent Category	Category 4 / Class 1 Petroleum-Based Solvents (Japanese Fire Service Act classification)	Hazard Class II

Salt spray test conducted under Japanese Industrial Standard JIS Z2371:

tested at 8× the concentration of natural seawater, proving exceptional corrosion resistance.

