



## Bare Corrosion Protection

SurTec® 650 RTU chromitAL® TCP –

### RTU Ready to Use Solution

#### Properties

Free of hexavalent chromium, trivalent chromium passivation for aluminium. Ready to use solution for spray and wipe application, viscous adjusted solution for better and longer moistening. Excellent bare corrosion protection, comparable to hexavalent passivation's, faintly blue to tan and visible layer.

SurTec 650 RTU meets or exceeds MIL-DTL-81706 and MIL 5541 for bare corrosion (336 h in NSS per ASTM B-117, respectively, DIN 50021 SS) ☐ low contact resistance: < 5000 µOhm per square inch per MIL-DTL-81706B (as SI unit: < 32.25 mOhm · cm<sup>2</sup>) ☐ heat resistant up to 100°C with minimal loss in corrosion resistance

#### Application SurTec 650

RTU is used undiluted for spray or wipe application. temperature: room temperature pH-value: 3.8 (the ready to use solution is adjusted accordingly) application time: 2 min (1-10 min) spraying pressure: 1 bar (0.5-1.5 bar) tank material: stainless steel or steel with acid and fluoride resistant coating heating/cooling: not necessary exhaust: required for worker's protection

#### Hints:

During storage a slight precipitation may occur which does not impair the quality and the function of the product. Treated surfaces with SurTec 650 RTU can be coated immediately after drying or stored as long as they are protected from contamination and temperature extremes. For optimum results, the parts should be coated within 7 days.