

# SurTec® 650

## chromitAL® Retouche

### Touch Up Pen

#### Properties

- chromitAL® Retouche pens are special felt tip markers, similar to highlighter pens, designed for the repair of mechanically damaged aluminium surface by scratches, abrasions, etc.
- contain non hazardous trivalent chrome solution
- especially suited for repair of small and hard to reach areas on assembled and finished equipment
- restore the conversion coating layer through simple application of the pen
- produce an excellent corrosion resistance, comparable to hexavalent chrome processes
- the restored conversion coating layer is an effective pre-treatment for optimum adhesion of subsequent paint, powder coating and adhesive applications

#### Application

SurTec 650 chromitAL® Retouche is applied manually by the pen.

application time: 5 min (2-10 min)  
pH-value: 3.8 (solution in the pen)

hints: Prior to the application of Retouche solution, the aluminium surface must be clean and free of oxides, e.g. by sanding and solvent wiping .

After the conversion coating, the parts may be rinsed or just wiped dry. For best corrosion resistance and best paint adhesion, a rinsing with deionised water is recommended (conductivity: < 30  $\mu$ S/cm). The drying temperature should not exceed 65 °C at the part's surface.

Treated surfaces 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.

## **Product Safety and Ecology**

The safety instructions and the instructions for environmental protection have to be followed in order to avoid hazards for people and environment. The Material Safety Data Sheets (according to European legislation) contain explicit details for this.

SurTec 650 chromitAL® Retouche solution is not subject to classification according to General EC Classification Guidelines for Preparations.

## **Warranty**

We are responsible for our products in the context of the valid legal regulations. The warranty exclusively accesses for the delivered state of a product. Warranties and claims for damages after the subsequent treatment of our products do not exist. For details please consider our [general terms and conditions](#).

## **Further Information and Contact**

In our forum, you can discuss topics of the surface technology:  
<http://forum.SurTec.com/>

If you have any questions concerning the process, please contact your local technical department: <http://SurTec.com/International.html>

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