

Protection upgraded



SurTec 643

Cr-free Conversion for Aluminium

Next Generation Cr-free Technology

The new innovative conversion for Aluminium provides excellent corrosion protection and paint adhesion. The Cr-free SurTec 643 is based on zirconium and a tailor-made blend of polymers which ensures optimal performance in vertical lines. In addition, it's a no rinse process with minimal feed & bleed.

Approvals



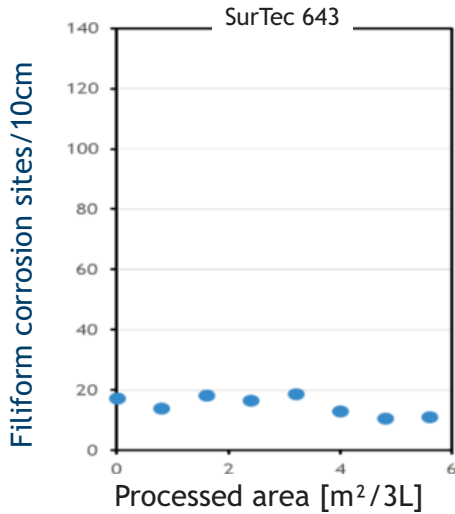
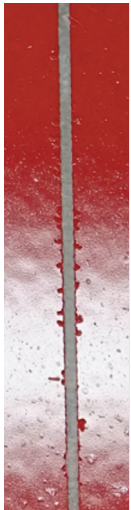
Approval No. A-139

Advantages

- Very robust process bath (no foam, no separation of organic components, no precipitations)
- Leads to optimized operation with less sludge & longer bathlives
- Requires no additives and can be run as make-up/replenisher system
- Bath maintenance & dosing via conductivity
- Simple methods for bath concentration control (photometric test kit) and layer control
- Cr-free
- Superior quality in respect to paint adhesion & corrosion resistance
- GSB approval phase 3 ongoing

Protection upgraded

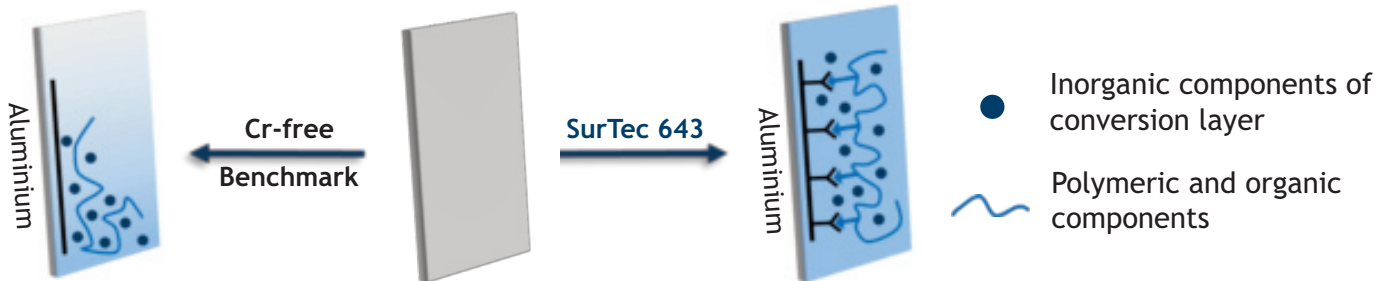
Excellent Corrosion Protection



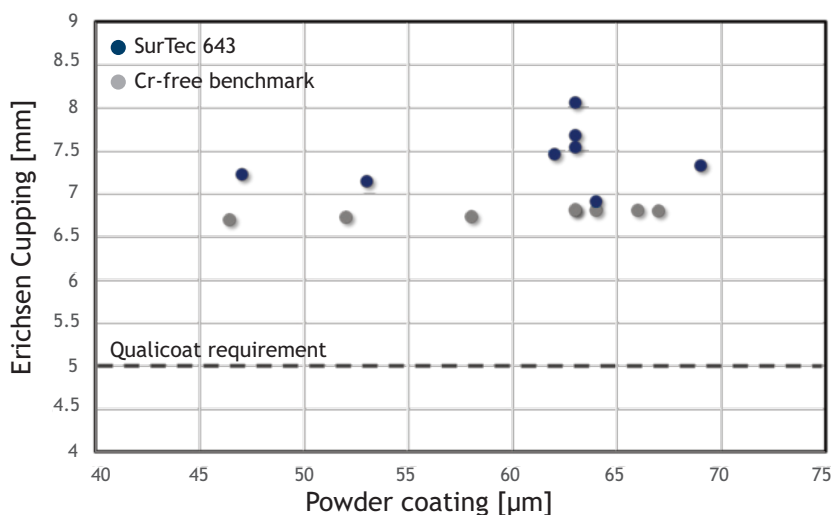
With an average of less than 20 filiform corrosion sites per 10cm scribe length and a site length of less than 1mm SurTec 643 shows an excellent corrosion protection.

Superior Performance in Vertical Lines

Due to the superior polymer bonding to the Aluminium surface SurTec 643 exhibits an extremely homogenous layer distribution, even in vertical lines.



Superior Quality in Respect to Paint Adhesion



Your contact:

Dr. Torsten Koerner
 Head of Global Product Management Metal Pre-treatment

+49 6251 8622219
 Torsten.Koerner@SurTec.com

SurTec International GmbH
 Neuhofstraße 9
 64625 Bensheim
 Germany

Follow us on LinkedIn