

Blue Passivation

- Stable brilliant blue colour
- Universally applicable for all zinc processes
- Excellent corrosion resistance properties

► SurTec 661, SurTec 668

Chromiting

- Outstanding corrosion protection
- One process for all zinc types and zinc alloys
- Highly economical operation and best ecological footprint with rinse water recycling

► SurTec 680 and SurTec 680 LC

- Cold-working thick layer passivation
- For all zinc types and zinc/iron
- Economical alternative for plants without a rinse recirculation

► SurTec 684, SurTec 688

- Cobalt-free passivation for all zinc types and zinc alloys
- Silver to bluish finish on zinc/nickel
- Iridescent finish on zinc/iron and zinc
- Long lifetime due to low zinc abrasion

► SurTec 675 & SurTec 551

Black Chromiting

- Excellent black colour with outstanding corrosion resistance properties
- On zinc and zinc/iron layers

► SurTec 690, SurTec 691, SurTec 692 (Co-free)

- Black passivation for zinc/nickel
- Applicable for rack and barrel plating
- Stable black colour with excellent corrosion resistance

► SurTec 696

High End Top Coat

- Developed to meet latest requirements in corrosion protection like cyclic corrosion tests
- Produce clear films, easy to strip

► SurTec 554

Universally Applicable Organic Sealer with Nanoparticles

- Highly bright clear film with excellent corrosion resistance
- Excellent heat resistance
- Applicable for spray and immersion processes

► SurTec 555 S

Sealer with Friction Control

- Coefficient of Friction SurTec 520: 0,08-0,13 μ
- SurTec 556 RT: 0,10-0,15 μ
- Increases corrosion resistance
- Dry, smooth, uniform and colourless film
- Especially suited for torque parts

► SurTec 522, SurTec 556 RT

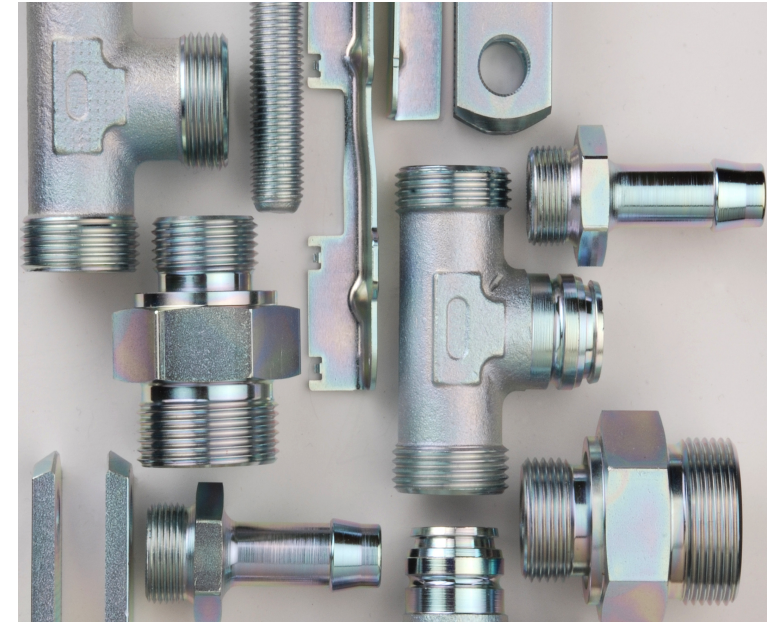
Inorganic Sealer

- Forms a uniform and colourless film after drying
- Especially suitable for zinc-plated and passivated steel cast
- Applicable for immersion application
- Improves the corrosion resistance also after high thermal strain
- Gives a uniform appearance and covers the iridescence of the passivation layer

► SurTec 556 BC

Protection upgraded

**Sur
Tec**



Chemical Specialities for
Cathodic Corrosion Protection



Alkaline Bright Zinc Process

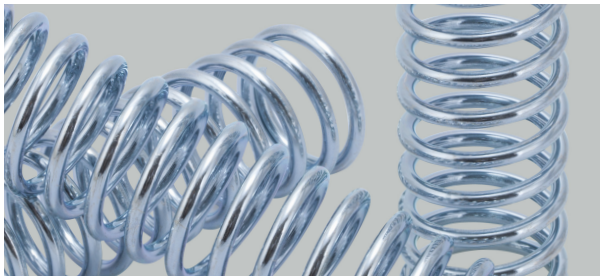
- Excellent metal distribution
- Low-stressed and completely blister-free
- Smooth zinc plating of strongly profiled parts
- Very high burning range, high current densities applicable
- Suited for rack as well as barrel plating with sodium or potassium electrolyte
- Special variants for matt zinc and high speed plating in reactors

► SurTec 704

Acid Bright Zinc Processes

- Bright and ductile zinc layers
- Excellent metal distribution, throwing and covering power
- Brightener is free from short-chain alcohol and therefore not inflammable with a low tendency to crystallise
- Suited for rack plating with air agitation or cathode movement and for barrel plating
- Tolerates high as well as low working temperatures
- Stable process, easy to passivate and relatively insensitive to drag-in or overdose
- With the special additive NBA also suitable for non-boric-acid plating solutions

► SurTec 758 BC, SurTec 759



Alkaline Zinc/Nickel Process

- Exceptionally stable plating solution with a very high life time
- Outstanding metal distribution and a high tolerance to burns
- Stable high current efficiency
- Complete system available with special anodes and regeneration to achieve unlimited bath life

► SurTec 717



Alkaline Zinc/Iron Process

- Excellent metal distribution
- Homogenous incorporation of iron
- Suited for rack as well as barrel plating with excellent metal distribution
- Outstanding throwing and covering power and suited for strongly profiled parts
- Degree of brightness adjustable as required

► SurTec 712

Application areas of SurTec Products:



Industrial Parts Cleaning



Metal Pre-treatment



Functional Electroplating



Decorative Electroplating



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