

product datasheet

Ruspert® Coating



www.evolutionfasteners.co.uk



What is Ruspert®?

Ruspert® is a non-organic, tri-layered ceramic surface coating developed to attain optimum performance in the various pollutive and atmospheric conditions that cause corrosion.

Layer 1: metallic zinc

Layer 2: high-grade anti-corrosion chemical conversion film

Layer 3: baked ceramic top coating

The distinguishing feature of Ruspert® is the tight joining of the baked ceramic top coating and the chemical conversion film thanks to the cross-linking effect. These layers are bonded together with the metallic zinc layer through chemical reactions, and this unique method of combining layers results in a rigid and dense combination of the coating films. Ruspert® treatment does not attribute its anti-corrosion properties to merely a single material, but the synergy of these three layers, which combined have superb rustproof qualities.

Compatible with metal coated and painted surfaces, fasteners coated with Ruspert® are resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement. These fasteners conform to corrosive gas test standard (Kesternich) DIN50018 and give a salt spray fog test to exceed (JISZ2731) 1,000 hours (ASTM B117).

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Benefits of Ruspert®

- Superior corrosion resistance. Excellent against gas, weathering and other corrosive factors including salt water.
- Resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement.
- Corrosion resistance against scratches. Composite layers minimise the effect of scratches on the protection coating.
- Electrolytic corrosion resistance. Less contact corrosion with other metals.
- Low process temperature. The drying temperature below 200°C protects the products from metallo graphic changes.
- Paintable
- Evolution Ruspert® coated fasteners are available in a variety of colours to suit different purposes:



Silver/Grey Ruspert



Blue Ruspert



Green Ruspert

All Evolution Ruspert® coated fasteners have a 500hr or 1,000hr hour salt spray rating.

Please refer to the relevant datahsheet for the salt spray rating of a specific product or call/e-mail us.

Ask for Evolution



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Anchors



Clips & Brackets