



RUSPERT[®]

Non-Chrome(For Stainless Steel)

Protection of stainless steel

Electrolytic corrosion resistance

Salt damage prevention



Electrolytic
Corrosion
Resistance

Galling
Reduction

Salt Damage
Resistance

Environmental-friendly



Completely Chrome-free



Nihon Ruspert Co., Ltd.



JQA-QMA13679
JQA-EM6160



CM009



RUSPERT[®]

Non-Chrome (For Stainless Steel)

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Making full use of our technology through the sealing layer to prevent the invasion of external corrosion factors and suppress the occurrence of various corrosion phenomenon so as to protect the stainless steel substrate.



Features

01 Protection performance

Forming high protection performance film to prevent stainless steel substrate from salt damage and erosion of chemical factors.

02 Electrolytic corrosion resistance

Reduce dissimilar metal contact corrosion apparently between the products and aluminum board or plated steel board.

03 Galling reduction

Reduce the phenomenon of galling.

04 Environmental-friendly

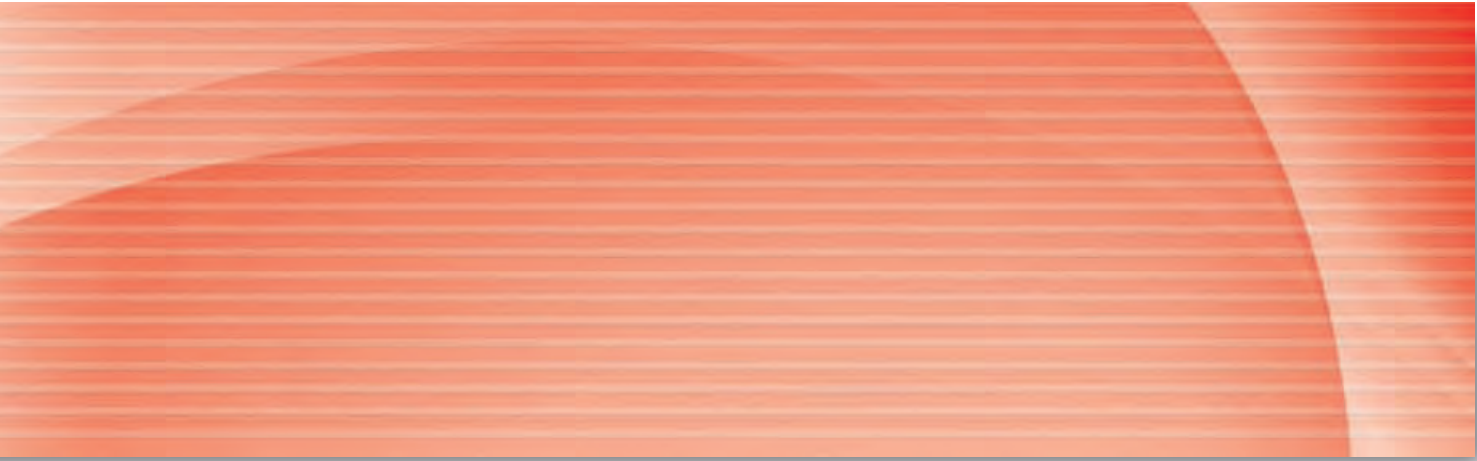
Free from the hazardous substance such as hexavalent chromium, trivalent chromium, lead, cadmium and mercury. RoHS and REACH compliant.

05 Low cure temperature

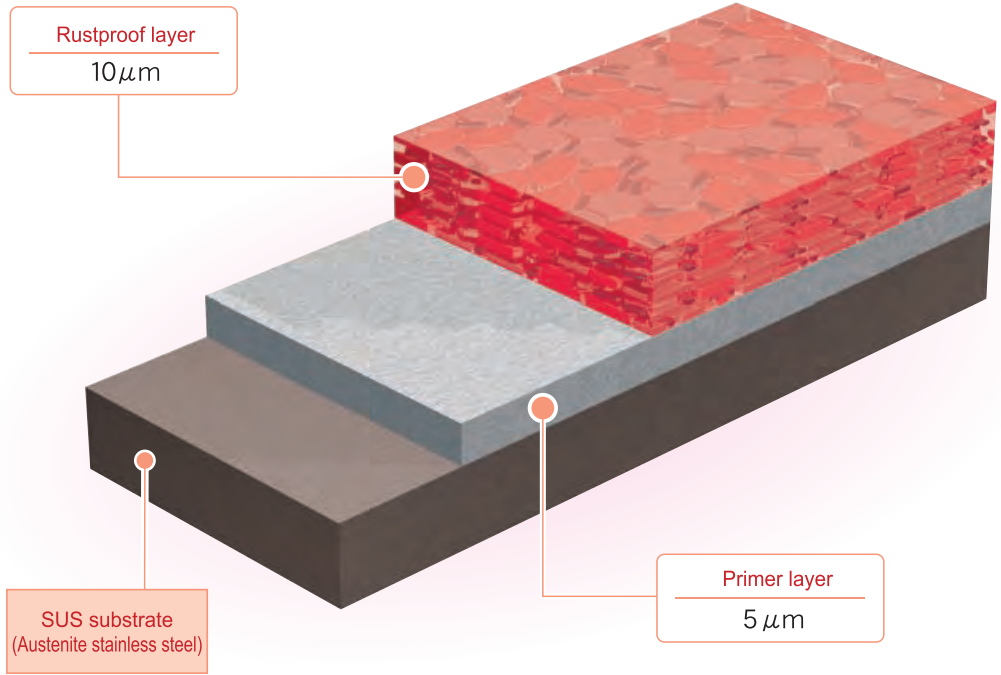
Baking temperature below 200°C protects the products from metallographic changes. Applicable to spring products.

06 Color variation

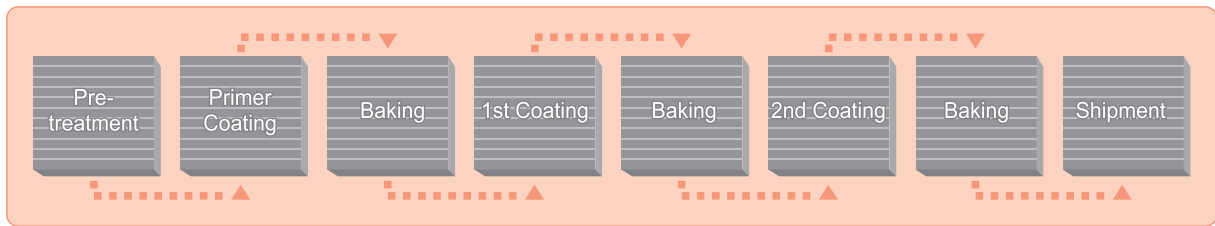
The basic color is silver, black, gray and other colors are also available.



Coating film structure



Standard treatment process(Dip-spin method)

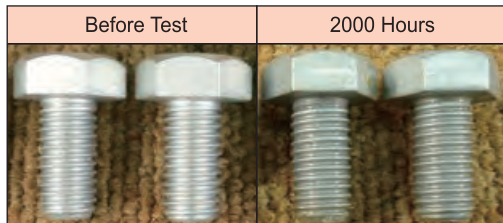


※ Dip&spray or spray is also available depending on the profile of the products.

Coating Performance

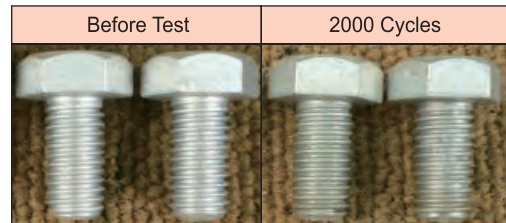
Salt spray test(JIS Z 2371=ISO 9227)

2000 Hours (No red rust occurred)

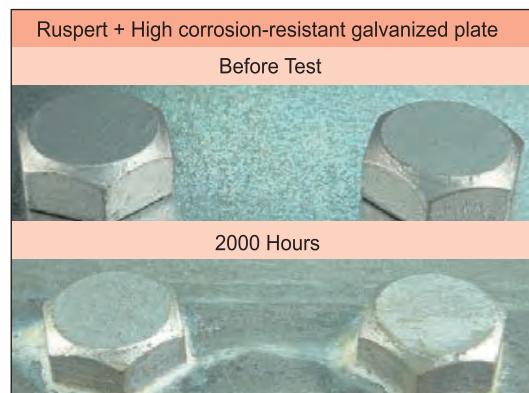


Combined cycle test(JASO M609-91=ISO 14993)

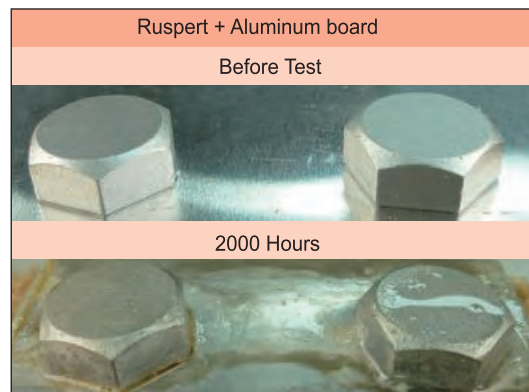
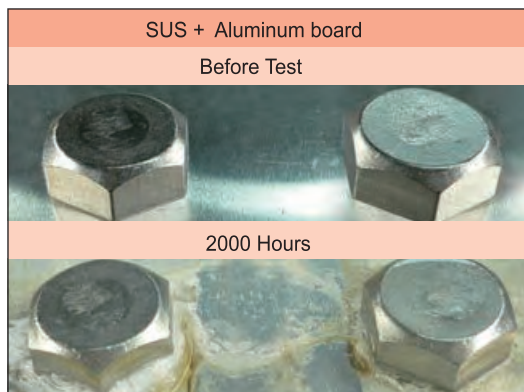
200 Cycles (No red rust occurred)



Salt spray test(JIS Z 2371=ISO 9227)(Electrolytic corrosion test)(Bolts made of stainless steel contact with high corrosion-resistant plate of steel)



Salt spray test(JIS Z 2371=ISO 9227)(Electrolytic corrosion test)(Bolts made of stainless steel contact with aluminum plate)



Remarks: The experimental data above are the results of tests but the performance may have deviation when used in different conditions.



Head Office: 18-3, Shin-minato Machi, Kishiwada City, Osaka, 596-0012 Japan.

Osaka Office: 3-15-5, Yasuda, Tsurumi-ku, Osaka City, Osaka, 538-0032 Japan.

【Contact us】

Free Dial 0120-020-308 (Only in Japan)

TEL +81-72-432-8711

FAX +81-72-432-2860

E-mail sales@ruspert.co.jp

URL <http://www.ruspert.co.jp>



<http://www.ruspert.co.jp>