



DISGO[®] LANEW

Thin Film
Superior Anti-corrosion
Hybrid Type



Chrome-free

Baking at 200 °C

5 colors variation



Environmental-friendly



Completely Chrome-Free



DISGO® LANEW

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DISGO LANEW is an anti-corrosion technology which has high hardness and excellent edge coverage thanks to the metallic zinc layer and it combined the advantages of DISGO treatment through long-term development.

Features

01 Environmental-friendly

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

02 Thin film, superior corrosion resistance

Synergy of the rustproof coating and metal zinc layer provide high-grade corrosion resistance with the thin film.

03 Scratch resistance

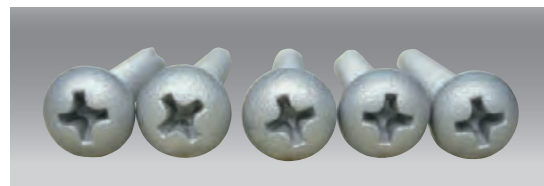
High edge coverage of zinc electro-plating reduces scratches on tapping screws and improves corrosion resistance.

04 Low cure temperature

The baking temperature below 200°C protects the products from metallographic changes. Energy consumption is reduced by the low processing temperature, contributing to prevent greenhouse effect.

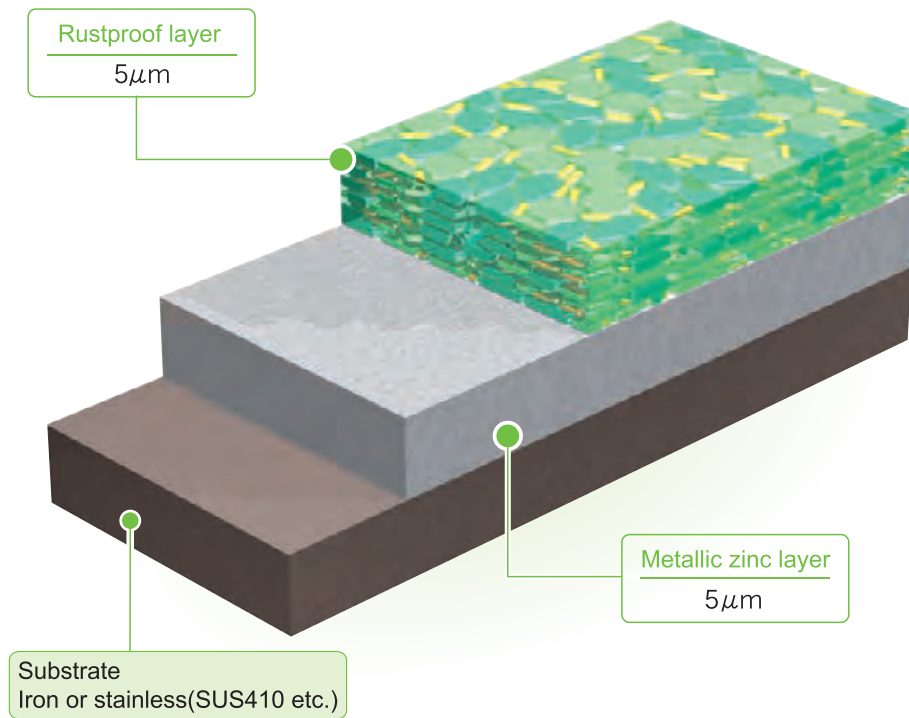
05 Paint accumulation

Reducing the paint accumulation in the cross point of tapping screw and get good productions.

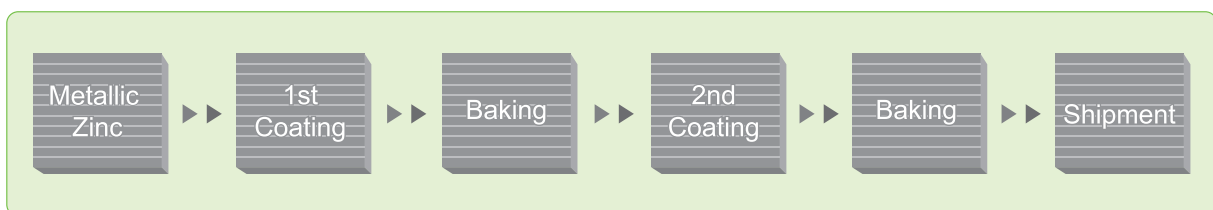




Coating film structure



Standard treatment process(Dip-spin method)

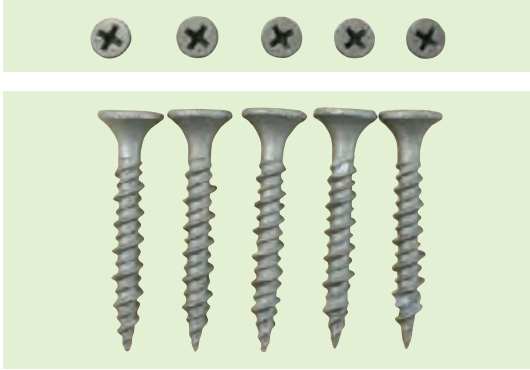


※ Dip&spray or spray is also available depending on the profile of the products.

Coating Performance

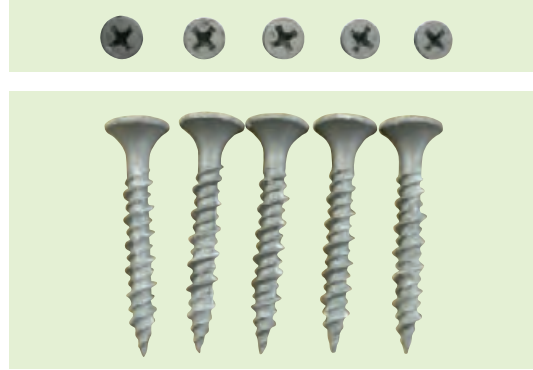
Salt spray test (JIS Z 2371)

After 1000 Hours (No red rust occurred)



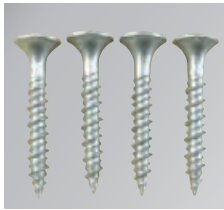
Combined cycle test(JASO M609-91)

After 100 Cycles(No red rust occurred)



Color Variation

Color-matching or color identification by sizes or types prevents wrong usage, etc. resulting in improving work efficiency.



Silver



Brown



Green



Red



Blue

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



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