Troubleshooting

Powder Paints

Rust



Rust refers to rust that forms on a paint film surface. Linear blistering of a paint film is also a type of rust.

Q1:

Did the substrate have rust before coating?

A1:

Rust under a paint film serves as a seed to accelerate rust formation.

Remove any rust.

Q2:

Is the required film thickness achieved?

A2:

Review the coating conditions.

Set the discharge quantity again.

Q3:

Has rust formed on the parting line?

A3:

Improve the pretreatment process.

Modify the substrate structure.

Change the manner of hanging.

Q4:

Are the baking conditions normal?

A4:

Measure the oven temperature.

Correct the time, temperature, and temperature rising curve appropriately.

Adjust the airflow opening.

Q5:

Are coated workpieces stored in a good environment?

A5:

Store coated workpieces at a humidity of not higher than 80%.

Implement measures such as perforating packing materials with holes.