



SS-COAT 909

SILVER ZINC COAT

Aerosol 420 ml/can , 20 cans/Box
Bulk 4 l , 18 l



SS-COAT 909 is single-fluid natural-drying silver zinc grey coating agent composed of pure zinc over 98% combined with epoxy ester in the form of resin, and is used for anti-rust sting and welding primer for steel. Zinc galvanizing has been used for anti-rusting of steel, showing high reliability. When anti-rusting target is large and complex-shaped, disabling zinc galvanizing, use SS-COAT-909 showing effects of ordinary anti-rusting and electric anti-rusting. This increases anti-rusting effects.

Features

Excellent anti-rusting

SS-COAT 909 is a coating agent developed by using high quality particle metal powder.

Highest cohesion

Epoxy resin with high adhesion to iron and other metals is used, with high cohesion.

Good heat resistance

Uses

Anti-rusting of steel materials and structures.

(Bridge, steel-barred window, iron railing, automobiles, railway car, container, freezer car, agricultural machine, transportation machine, civil engineering machine, tanks, vessel pipe)

How to Use

Pretreatment

Remove red rust or mill scale from the steel surface by using sand blast, shot blast or pickling. When oil, dust and moisture are adhered, cohesion of coating agent decreases. Degreasing and drying are required.

How to coat

Spray method (aerosol product)



- Shake it well for about 1 minute before spraying
- Spray it to pretreated applied surface evenly.
- Apply it about 30cm away from applied surface.
- Thin application over several times is more effective than one-time thick application.

Air gun method (Bulk products)

- Spray it to pretreated applied surface in the same way as ordinary paints.

Brush method (Bulk products)

- Apply it evenly to pretreated applied surface.
- Apply it in the same direction to prevent brush marks.

Cautions

Stir it well.

Long-time coating makes metal powder sedimented. Stir it well and use it evenly.

Do not use it in acidic or alkaline environment or in the area wetted by acid solution.

(Coat chemical-resistant coating material as upper coating)

Do not use it to the area digested continuously by hot water(above 40℃) for a long time.

When heating facility process exists, heat and dry it for more than 20 minutes at 100℃ to use it as film forming primer.

To keep aerosol can unused for a long-time, stand it upside down and spray it till no more liquid is discharged to make jet orifice unblocked.

As this is an inflammable product using high pressure gas, keep the following cautions carefully.

1. Do not spray directly toward open flame.
2. Do not use it near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
3. Do not use it in an environment where there are explosive or inflammable materials.
4. Store the product in places where the temperature does not exceed 40℃.
5. After used in enclosed areas, be sure to ventilate.
6. Do not throw into a fire.
7. After use, throw it away after checking and removal the remaining gas in the container.
8. Do not store it in enclosed area.
9. Below 5℃, injection power may be poor.



Technical Data Sheet of SS-COAT 909

Item	Result	Remark
Appearance	Silver gray	-
Purity of metal	above 96.0%	-
Metal content in solids	above 30%	Complete drying
Specific gravity	0.97 ±0.05	@ 25℃
Viscosity	14 ± 3 sec.	@20℃, Ford cup #4
Set to touch	15 min.	@20℃, humidity 70%
Dry-Hard	1~2 hrs.	@20℃, humidity 70%
Full hardness	7 days	@20℃, humidity 70%
Term of storage	1 year	Room temp.
Possible painting area	0.95 m ² /1can, 5.15 m ² /1ℓ	30 μm

Properties of drying film

Item	Result	Remark
Impact test(300g, 50cm)	No defects	Thickness 20 μm
Flexibility(10mm ø 180° curving)	No defects	Thickness 20 μm
Erichsen test(6 mm)	No defects	Thickness 20 μm
Salt water immersion test(Above 360 hrs.)	No defects	Thickness 270~300 μm, 5% solution
Salt water spray test(Above 360 hrs.)	No defects	Thickness 270~300 μm, 5% solution

※ This information can be amended without any notice according to new knowledge and test result. If there are any questions, please contact us or the store where you purchased it.

