

Technical Data Sheet

ROVAL MC Color Matching Metallic Spray for Galvanized Materials



Description

Perfect color matching metallic spray for galvanized materials. MC spray, which is ideal for color matching after hot-dip galvanization and for hiding blemishes or ROVAL repairs.

Aerosol product

Components	Aluminum Binder Aromatic thinner
Internal capacity	Aerosol 420 ml
Painting area	3 m ² (1 coats)
Packaging	24 cans / case
Application Conditions	Temperature 5 - 40 °C, Humidity < 85% The metal substrate temperature < 50 °C
Shelf life	3 years

Dry film

Color	Metallic silver
Gloss	Glossy
Dry film thickness	10µm (1 coat)
Drying time	For 10µm DFT at 20 °C, humidity 65% condition >> Touch dry and overcoating: 15 min >> Fully cured: 24 hours

Surface Preparation

Paint on clean galvanized or ROVAL painted surfaces

Salt	Use high pressure washing to remove salt deposits.
Oil	Wipe off perfectly with solvent rags.
White rust contaminations	ISO 8501 St2 Use a hand tool to remove white rust and contaminations.

Adequate agitation of products

Shake the aerosol can 30 times or more before use.

Coating method

Thick coating may cause cracks.

MC has no anti-corrosion effect. It is highly recommended to use **ROVAL cold galvanized compound** as a primer when using MC for cut surfaces, welds, and non-plated areas.

Properties

Test item	Method used	Result
Hardness	JIS K5600-5-4:1999 (ISO/DIS 15184:1996) Pencil scratching	Pencil 5B
Adhesion	JIS K 5600-5-6:1999 (ISO 2409:1992) Peel off a sticky tape on 25 cells check pattern (square: 1mm x 25)	No abnormality
Heat resistance	Electrical constant temp. drier 90 °C, 24 hours	No abnormality
Cold resistance	Low temp. cycle test for 72 cycles <1 cycle> Left at -30 °C for 5 hours and Left at +10°C for 1 hour	No abnormality