

*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 420ml
Painting area	3 m <sup>2</sup> (1 coats)
Packaging	24 cans / case
Application Conditions	Temperature 5-40°C, Humidity < 85% The metal substrate temperature < 50°C
Product warranty period	3 years from manufacturing date (unopened)
Storage	Protect from sunshine and store in a well-ventilated place.

## 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

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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	<b>ISO 8501 St2</b> Use a hand tool to remove white rust and contaminations.

## Adequate agitation of products

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Shake the aerosol can 30 times or more before use.

## Coating method

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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

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Test item	Method used	Result
Hardness	JIS K5600-5-4:1999 (ISO/DIS15184:1996) Pencil scratching	Pencil 5B
Adhesion	JIS K5600-5-6:1999 (ISO2409:1992) 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