CORIUM®
Industrial Chemicals
The Ultimate Choice

78

CORIUM 78 Gleaming Zinc Coating

Gleaming Zinc Coating

- *Shiny-Gleaming-Bright Silver Aesthetic Spray Coating Protects Substrate from Corrosion & Rust Formation*
- *Protects & Extends Lifetime of Ferrous Parts & Components*
- *Unparalleled Quality Repairs, Maintenance & Protection of Automotive Parts, Trailers, Plumbing Fixtures, Building Metals, Garage Doors and Power Transmission Pylons*

TRUST CORIUM FOR

Ease of Application
Wide Versatility
Outstanding Physical Properties

ITW PERFORMANCE POLYMERS & FLUIDS®
KOREA

ITW

SPECIAL FEATURES

CORIUM 78 Gleaming Zinc Coating is a convenient, anti-corrosion, high-temperature resistant, multipurpose, protective coating spray that forms an irresistibly aesthetic protective finish on ferrous parts & components.

- **CORIUM 78** features a shiny-gleaming-bright silver coating that is superior to common products which only produces a dull matt finish
- **CORIUM 78** is formulated with a proprietary package of zinc, aluminum powder, synthetic resins and a family of additives
- **CORIUM 78** delivers huge cost saving with reduced deterioration of parts & components

OUTSTANDING PROPERTIES

- Silver-grey thick proprietary spray liquid drying rapidly to a gleaming silver coating
- Superior high temperature resistance up to 350°C
- Performs by electrochemical protection while the resins form a physical barrier which shields against any external attacks
- Dried coating can also be covered by other paints or varnish to suit all color matching needs

USE FOR

With its state-of-the-art shiny finish **CORIUM 78 Gleaming Zinc Coating** offers unique advantages on the repairs, maintenance & protection of:

Automotive parts, e.g. mufflers, engines, low doors, couplings, car interiors; Trailers, frame of caravans; Plumbing fixtures, e.g. pipes, drains, boilers, tanks, connections, supports, nut & bolts; Buildings, e.g. metal frames, covers, door & window metal frames, verandas, garden shelters, anchoring; Garage doors and mechanical parts; Power transmission pylons. For repair of damaged hot dipped parts.

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ITW PERFORMANCE POLYMERS & FLUIDS KOREA

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CORIUM 78

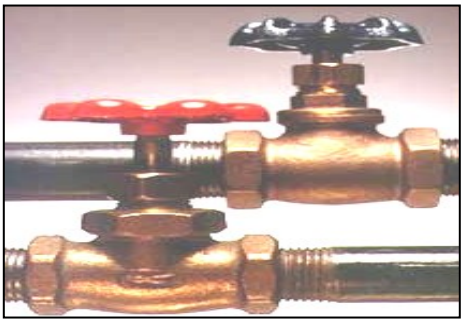
Gleaming Zinc Coating

DESCRIPTION

Featuring a shiny-gleaming-bright coating, the new **CORIUM 78 Gleaming Zinc Coating** Spray is formulated with a proprietary package of zinc, & other light metal powders, synthetic resins and a family of additives. CORIUM 78 is an anti-corrosion multipurpose protective coating spray which produces a unique gleaming finish – adding to its ability to battle against corrosion and rust formation. CORIUM 78's superior formulation and ease-of-use offers ultra convenience and functional value to automotive repair, general maintenance, home owners, boating repair, plumbing repair, power transmission pylons, hotels, and all other industries requiring a quick and effective solution to ferrous-metal protection.

PERFORMANCE CHARACTERISTICS

- CORIUM 78 protects substrate with a shining finish – superior aesthetic value and anti-corrosion performance than other similar products with common dull matt finish
- Contains advanced & proprietary anti-corrosive agents



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- Withstands more than 1000 hours of salt fog test
- Resists high temperature up to 350ºC without deterioration
- **CORIUM 78 Gleaming Zinc Coating** performs by electrochemical protection while the resins form a physical barrier which shields against any external attacks
- Dried CORIUM 78 forms a resilient, bright and protective coating, which can also be covered by other paints or varnish to suit all color matching needs

Salt fog test in action – showing the strong resistance of CORIUM 78 against corrosion and rust formation on the right

KEY BENEFITS

- Gleaming & Shiny finish offering a bright and aesthetic coating – enhancing anti-corrosion properties
- Ease-of-use – spray and protect all kinds of ferrous metals immediately
- Highly anti-corrosive – satisfying the most punishing environmental conditions
- Superior high temperature resistance
- Huge cost saving with reduced deterioration of parts & components

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RECOMMENDED APPLICATIONS

- Automotive parts protection, e.g. mufflers, engines, low doors, couplings, car interior
- Trailers
- Frame of caravans
- Plumbing repairs & maintenance, e.g. pipes, drains, boilers, tanks, connections, supports, nuts and bolts
- Buildings, e.g. protection of metal frames, covers, door and window metal frames, verandas, garden shelters, anchoring
- Garage doors and mechanical parts
- Power transmission pylons

HOW TO USE

1. Degrease the surface and remove any loose rust particles.
2. Shake the aerosol thoroughly until the ball is freed from the zinc amalgam.
3. Hold the can 15 – 20 cm from area to be treated and spray
4. After spraying the 1st layer, wait 15 to 20 minutes for the second layer.
5. Complete drying takes place within 24 hours.
6. After application, invert can and spray until clear gas appears to prevent nozzle clogging.
7. In case of spray-head clogging, detach actuator and dip into acetone

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TYPICAL DATA

Color & Appearance	Grey thick liquid drying to a gleaming silver coating
Odor	Solvents
Density (20ºC)	0.66 g/cm^3
Covering Power	3 to 4 m^2 for optimal protection
Propellant Gas	Hydrocarbons
Thickness of one layer	≈ 30 µm
Aluminum Purity	98%
Zinc Purity	99%

PACKAGING & STORAGE

Protect aerosol container from sun and do not expose to temperatures exceeding 50°C. Keep away from any flame or source of sparks or of ignition. Do not puncture or burn after usage. Store in a dry and ventilated area, at a temperature over 5°C.

PRECAUTIONS

For safety instructions, please refer to the Material Safety Data Sheet. This product is highly flammable, vapours may cause drowsiness and dizziness. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Pressurized aerosol container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep out of reach of children. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – do not smoke while spraying. Do not breathe spray. In case of insufficient ventilation, wear suitable respiratory equipment. If swallowed, seek medical advice immediately and show this container or label. Use this aerosol product only for the applications for which it is intended.

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