

COMPANY INTRODUCTION

Noroo Coil Coatings Co., Ltd. is a subsidiary firm of the "Noroo" brand of Noroo Paint & Coatings Co., Ltd., and we are the leading company in the manufacture and supply of paint for coil coating in Korea. Noroo Coil Coatings was newly established as a professional firm in coil coating in 2000 as a new step for the new millennium, and under the management of a technology-centered and customer satisfactory, we have maintained our position as the best coating solution provider in the industry through the active performance of continuous technological development and rapid responses to customers. On the other hand, through continuous R&D investment, product development, quality improvement, technical partnerships, and others, we have achieved KS certification and ISO 9001 certification, and for the first time in Korea, we have supplied paint for high-speed line, surface treatment and developed a universal primer. All members of Noroo Coil Coatings will always give their best effort to be the leader of Coil Coating industry.

CONTACT INFORMATION

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|--------------------------|---|-----------------|-------------------------|
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MAIN TOPIC

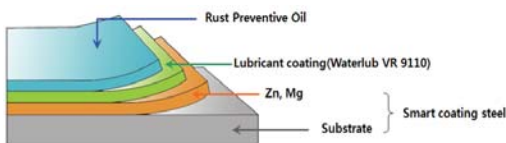
MATERIAL CATEGORY

- Premium Keton Material
- Secondary Battery Material
- Ultra Light Mg Material
- Bio Medical Material
- Hyperpure SIC Material
- Super Sapphire Single Crystal Material
- Smart Coating Steel Material
- Smart Membrane Material
- Nano Carbon Composite Material
- Flexible Display Material

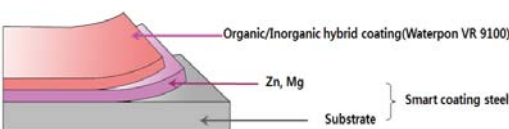
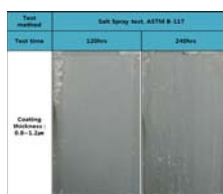
Sub-category : Zn-Mg and Zn-free Al-Mg type Coating Steel Sheets

MATERIAL INTRODUCTION

IMAGE



Lubricant coatings for Zn-Mg SMART Steel for Automotive



Protective coatings for Zn-Mg SMART Steel for Appliances

MAIN TOPIC

#1. Surface treatments of Zn-Mg alloy

NAME/SPEC.

| NAME | SPEC. |
|---------------------------------|---|
| Corrosion resistance | SST 24hrs, no change, Oilred |
| Humidity resistance | 50°C/95%RH, 120hrs, ΔE < 1.0 |
| Friction coefficient | < 0.34 |
| Removable with Alkaline cleaner | > 95% removed |
| Compatible with ED Coatings | Adhesion: 100/100 SST: 500hrs, No change |

Product Name : Waterlub VR 9110

| NAME | SPEC. |
|----------------------|--|
| Corrosion resistance | SST 240hrs, no change |
| Humidity resistance | 50°C/95%RH, 120hrs, ΔE < 2.0 |
| Solvent resistance | Ethanol, Acetone rub, ΔE < 2.0 |
| UV resistance | UV-B, 240hrs, ΔE < 2.0 |
| Chemical resistance | 5% NaOH 5min, 5% HCl 5min, Surface damaged under 20% |

Product Name : Waterpon VR 9100

AT A GLANCE

- **Business Type**
Paint Manufacturer
- **Established Year**
1999
- **Total Employee Number**
110
- **R&D Employee Number**
45

DEVELOPMENT LEVEL

- Lab scale
- Pilot scale
- Mass production

TARGET END-PRODUCTS

Lubricant coatings for Automotive



Protective coating for Appliances

