Miyakojima Island is located in the far southern part of Japan, with roughly the same latitude as Florida, U.S.A. The Island is surrounded by a lot of deteriorating factors such as high temperature, high humidity, strong sunshine, and a salt-rich atmosphere.

From normal paint to ROVAL

ROVAL has been certified to have equivalent anti-corrosion performance as hot-dip galvanizing by the Council for Construction Technology Review and Certification in Japan.
Zinc Content 96%

**Cold Galvanizing Compound**

Equivalent anti-corrosion performance to hot-dip galvanizing.

<table>
<thead>
<tr>
<th>Volume</th>
<th>420ml Aerosol</th>
<th>2.5kg</th>
<th>5kg</th>
<th>10kg</th>
<th>25kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical coverage (50μm)</td>
<td>0.5m²</td>
<td>3m²</td>
<td>15m²</td>
<td>50m²</td>
<td></td>
</tr>
</tbody>
</table>

Silver Zinc Rich

Rodinal Zinc Rich

Finishes in a color similar to hot-dip galvanizing.

<table>
<thead>
<tr>
<th>Volume</th>
<th>420ml Aerosol</th>
<th>1.5kg</th>
<th>7kg</th>
<th>25kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical coverage (50μm)</td>
<td>0.4m²</td>
<td>2m²</td>
<td>10m²</td>
<td>30m²</td>
</tr>
</tbody>
</table>

**Perfect Color Matching Metallic Spray** (No anti-corrosion effect)

- Gray coating touch-up
- Topcoat for ROVAL

**Features**

- Dillation is unnecessary so painting is very easy.
- No troublesome work, like mixing two liquids.
- Aerosol product lineup.

**Application methods**

- Brush
- Roller
- Conventional / Air-less spray

**Necessary steps**

ROVAL has to be applied DIRECTLY to metal surfaces.

The direct contact between the zinc and the metal surface will result in cathodic reaction.

**Prohibited steps**

Never use primers. Primer will compromise the performance of ROVAL products.

3 important points

1. **Surface preparation**
   - Prepare the metal surface by sandblasting or with appropriate power tools.
   - Remove all contamination on the surface such as moisture, oil, mill scale, rust, and old paint.

2. **Adequate agitation of product**
   - Agitate the products well to obtain uniform density.
   - Dilution is not required.
   - "Only when the product thickens, use aromatic thinner such as Xylene. (Within 5% of paint weight)"

3. **Sufficient film thickness**
   - Apply two coats. (Each coat: 40μm)
   - Total dry film thickness = more than 80μm
   - Do not spread the paint too thin.
   - Anti-corrosion performance is proportional to dry film thickness.
   - Coating interval: 30~60min

**Coating interval**

- 30~60min

**Wrong application**

- Applying product to rusted surfaces
- Applying product to painted surfaces