**Technical Data**

**RUSGON PRIMER**

**GENERAL TYPE**
- Oil & Alkyd Based Anti-corrosive Primer

**DESCRIPTION**
- Rust preventive primer based on long oil alkyd resin

**RECOMMENDED USE**
- Steel structure at moderate corrosive environment

**FEATURES**
- Free from heavy metals such as lead or chromium
- Excellent rust preventive property
- Good application workability and good compatibility with subsequent coat
- Conform to JIS K 5674:2008 Type 1
- Hi-Build coating is possible.

**PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Oxide Red, Grey, Dark grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish</td>
<td>Matt</td>
</tr>
<tr>
<td>Volume Solids</td>
<td>57%</td>
</tr>
<tr>
<td>Typical Thickness Dry</td>
<td>35 microns / coat</td>
</tr>
<tr>
<td>DFT</td>
<td>Min. 35 μm, Max. 70 μm</td>
</tr>
<tr>
<td>Theoretical Coverage</td>
<td>16.2 ㎡/L, 35 microns DFT</td>
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</tbody>
</table>

*Practical coverage vary depending on loss factors.

**APPLICATION**

**Surface Preparation**
- All surfaces to be coated should be completely clean, dry and free from contamination.
- Surface preparation method shall be in accordance with ISO 8504: 2000.
- Remove salt and other water-soluble contaminants by fresh water.
- Remove oil and grease with suitable detergent or solvent (SSPC-SP-1).
- Remove rust, mill scale and other loose material completely by abrasive blasting (ISO 8501-1:2007 Sa 2 1/2 or SSPC SP-10) or power tool cleaning (ISO8501-1 St 3 or SSPC SP3).
- Ambient temperature shall be above 5℃ and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3℃ above dew point.
- Adequate ventilation shall be provided in confined spaces to ensure proper drying.

**Application Conditions**
- Application temperature shall be above 5℃ and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3℃ above dew point.
- Adequate ventilation shall be provided in confined spaces to ensure proper drying.

**Mixing**
- Stir paint in container with power agitator well before using.

**Mixing ratio**
- Not required

**Induction Time**
- Not required

**Application Method**
- Airless spray
- Thinner : Paint Thinner A (0-5% by weight)
- Nozzle pressure: Not less than 10MPa
- Nozzle Tip : No.163-515~619
- Brush/Roller
- Thinner : Paint Thinner A (0-5% by weight)
- Power mix thinner if required.

*Too much thinning results sagging and slower cure.*
Clean all the equipment with thinner immediately after use.

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<thead>
<tr>
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<th>5 °C</th>
<th>20 °C</th>
<th>30 °C</th>
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<tbody>
<tr>
<td><strong>Pot Life</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface dry</td>
<td>1 hour(s)</td>
<td>30 minute(s)</td>
<td>20 minute(s)</td>
</tr>
<tr>
<td>Touch dry</td>
<td>4 hour(s)</td>
<td>2 hour(s)</td>
<td>1 hour(s)</td>
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*Use all mixed paint within pot life.

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*Drying time may vary depending on film thickness, ventilation, humidity, undercoat paint condition etc.

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<tr>
<td><strong>Overcoating Interval</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum</td>
<td>16 hour(s)</td>
<td>8 hour(s)</td>
<td>6 hour(s)</td>
</tr>
<tr>
<td>Maximum</td>
<td>6 month(s)</td>
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</tr>
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*The overcoating intervals are based on overcoating with same or same type of paint.

Typical undercoat

Typical topcoat RUSGON TOPCOAT

**SAFETY PRECAUTIONS**

Detail information is given on Safety Data Sheet (SDS). Avoid inhalation of spray mist or vapour. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. Application and handling of this product should be in compliance with relevant national regulations.

**STORAGE**

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

**SHELF LIFE**

12 months from date of production

**GENERAL REMARKS**

- This product is not recommended for continuous water immersion.
- Make sure that paint film shall be dry enough to be overcoated before applying subsequent coat. Lifting or wrinkling may occur if overcoated on insufficient drying status.
- Too thick application may result very slow dry especially at low temperature.

*If any inquiries, please consult Kansai Paint representative for further information.

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