## Technical Data

### RUSGON PRIMER

#### SPECIFICATION

**Generic 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

<table>
<thead>
<tr>
<th>Features</th>
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</table>
| 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**  
**DFT:** Min. 35 μm Max. 70 μm  
**Theoretical Coverage:**  
<table>
<thead>
<tr>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical cover</td>
</tr>
<tr>
<td>16.2 m²/L</td>
</tr>
</tbody>
</table>

**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 SP5).

**Application**  
**Application Conditions:** Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3°C 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:** —

**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 Up

Clean all the equipment with thinner immediately after use.

Pot Life

<table>
<thead>
<tr>
<th>Temperature</th>
<th>5 °C</th>
<th>20 °C</th>
<th>30 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time (h)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Use all mixed paint within pot life.

Drying Time

<table>
<thead>
<tr>
<th>Temperature</th>
<th>5 °C</th>
<th>20 °C</th>
<th>30 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface dry</td>
<td>1 h</td>
<td>30 m</td>
<td>20 m</td>
</tr>
<tr>
<td>Touch dry</td>
<td>4 h</td>
<td>2 h</td>
<td>1 h</td>
</tr>
</tbody>
</table>

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

Overcoating Interval

<table>
<thead>
<tr>
<th>Temperature</th>
<th>5 °C</th>
<th>20 °C</th>
<th>30 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>16 h</td>
<td>8 h</td>
<td>6 h</td>
</tr>
<tr>
<td>Maximum</td>
<td>6 m</td>
<td>6 m</td>
<td>6 m</td>
</tr>
</tbody>
</table>

*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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