**Description**

Diamond Overall Synthetic Enamel is a Top quality enamel which is based on alkyd resin with good flow and leveling properties. It gives high gloss finish.

**Recommended use**

Suitable for primed exterior/interior surfaces in domestic and commercial mild industrial and marine environments. For use on steel, plaster, Concrete and wooden surfaces.

**Physical properties**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Standard Colour Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish</td>
<td>Gloss</td>
</tr>
<tr>
<td>Solids (vol %)*</td>
<td>43 ± 2</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 34 °C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.90 – 1.15</td>
</tr>
</tbody>
</table>

**Film Thickness and Spreading Rate**

- Film Thickness: 15 to 30 microns dft
- Theoretical spreading rate: 11-13 (m²/l)

**Surface Preparation**

Pre-Primed or on smooth surface. Ensure that surface is clean, dry and free from rust, dust, grease, oil and other contamination.

**Application**

- Application Methods: **Brush**, **Roller**, **Spray**
- Thinner/Cleaner: Mineral Turpentine
- Thinning: 15 - 20% Mineral Turpentine

**Drying Time**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Dry to Touch</th>
<th>Dry to Handle</th>
<th>Recoating Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 °C</td>
<td>4 hours</td>
<td>16 hours</td>
<td>16 hours</td>
</tr>
<tr>
<td>35 °C</td>
<td>3 hours</td>
<td>12 hours</td>
<td>12 hours</td>
</tr>
</tbody>
</table>

**Typical paint system**

- **On Steel**
  - Diamond Red Oxide Primer / undercoat: 1 Coat
  - Diamond overall Synthetic Enamel: 2 Coats

**Storage**

The product must be stored in accordance to the national regulations. The product should be kept in a well-ventilated place, protected from heat and direct sunlight. The containers must be kept tightly closed.

**Handling**

Handle with care. Stir well before use.

**Packing Size**

0.25 Ltr, 0.91 Ltr, 3.64 Ltrs and 14.56 Ltrs.

**Health and Safety**

Material health and safety data sheet is available upon request. Please observe the precautionary notice displayed on the container. Ensure proper ventilation during application and drying of paint. Avoid inhalation of paint mist and vapours and skin contact. Spillage of paint on skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.