Technical Data
Fenomastic Pure Colours Emulsion Silk

Product description
Fenomastic Pure Colours Emulsion Silk is a high quality acrylic copolymer based emulsion paint with low VOC, which ensures good indoor air quality. It has high washability, hiding power, inca antibacterial and colour retention properties. It also has a good flow and gives a smooth, durable silk finish.

Recommended use
For use on most interior surfaces, i.e. cement plaster, stucco filler, gypsum boards, concrete, asbestos cement sheeting and rendered block work.

Film thickness and spreading rate

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film thickness, dry (µm)</td>
<td>35</td>
<td>75</td>
<td>65</td>
</tr>
<tr>
<td>Film thickness, wet (µm)</td>
<td>80</td>
<td>170</td>
<td>150</td>
</tr>
<tr>
<td>Theoretical spreading rate (m²/l)</td>
<td>12,5</td>
<td>6</td>
<td>6,8</td>
</tr>
</tbody>
</table>

Comments
The theoretical spread rate has been calculated for the below stated volume solids and dry film thickness. The practical spreading rate will depend on the actual dry film thickness, the nature of the substrate and the application method.

Physical properties
Colour
White + 16, 000 colours can be tinted in the Jotun Multicolor machine.
Solids (vol %)*
44 ± 2

*Measured according to ISO 3233:1998 (E)
VOC: 0 to 10 gms/lit (theoretical) when measured as per ISO EU.

Surface preparation
The substrate must be sound, clean, dry, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose material must be removed by stiff bristle brushing.

Other surfaces
The coating may be used on other substrates. Please contact your local Jotun office for more information.
Condition during application
The temperature of the substrate should be min. 10°C and min. 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

Application methods
Spray Use airless spray or conventional spray
Brush Recommended
Roller Recommended

Application data
Mixing ratio (volume) Single pack.
Thinner/Cleaner Water
Guiding data airless spray
Pressure at nozzle 140 - 190 kg./cm² (2100 p.s.i.)
Nozzle tip 0.021” - 0.027”
Spray angle 65° - 80°
Filter Check to ensure that filters are clean.

Drying time
Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:
* Good ventilation (Outdoor exposure or free circulation of air)
* Typical film thickness
* One coat on top of inert substrate
* Relative humidity 70%

<table>
<thead>
<tr>
<th>Substrate temperature</th>
<th>10°C</th>
<th>23°C</th>
<th>40°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface dry</td>
<td>12 h</td>
<td>6 h</td>
<td>2 h</td>
</tr>
<tr>
<td>Through dry</td>
<td>16 h</td>
<td>8 h</td>
<td>4 h</td>
</tr>
<tr>
<td>Dry to recoat, minimum</td>
<td>12 h</td>
<td>6 h</td>
<td>2 h</td>
</tr>
</tbody>
</table>

1. Recommended data given for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied – reference is made to the corresponding system data sheet.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.
**Typical paint system**

**Interior**
- PVA Primer/ Fenomastic Emulsion Primer: 1 coat
- Stucco: 2 coats
- Fenomastic Pure COlours Emulsion Silk: 2 coats

Other systems may be specified, depending on area of use

**Storage**
The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

**Handling**
Handle with care. Stir well before use.

**Packing size**
- 1 litre container, 4 litre container and 18 litre container.
- Packing may vary from country to country according to local requirements.

**Health and safety**
Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

**DISCLAIMER**
The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements. If there is any inconsistency in the text the English (UK) version will prevail.

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**ISSUED 23 APRIL 2012 BY JOTUN**
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