



**TRUST HYGIENIC -SILK**  
**DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

## TRUST HYGIENIC SILK

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| <b>PRODUCT DESCRIPTION</b> | Trust Hygienic Silk is a premium quality advanced antibacterial and odourless emulsion paint based on specially modified acrylic emulsion for interior surfaces. The silver based biocide in the product provides effective protection against many harmful bacteria, mould and fungus. It is highly washable and provides durable, smooth, silky finish with very good opacity and crack tolerance. It offers incan antibacterial and colour stability. The anti microbial property will remain effective beyond the useful lifetime. It is free from harmful chemicals and has very low VOC. It contains antibacterial and antifungal additives. |
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| <b>RECOMMENDED USES</b> | Trust Hygienic Silk is recommended as antimicrobial paint, takes extra measures to keep the interior surface safe and clean as possible. It minimizes staining, bad odours and material degradation on any surface over which it is applied. It helps to prevent bacteria growth and maintains a healthy atmosphere and a highly durable surface that can withstand the inevitable wear and tear. It is suitable for the internal applications of hospitals, clinical laboratories, schools, etc. where hygiene and normal paint odour are critical. |
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### TECHNICAL DATA

|                                   |   |
|-----------------------------------|---|
| <b>COLOUR, DRY FILM</b>           | As per National shade card              |
| <b>FINISH, DRY FILM</b>           | Smooth, Silk                            |
| <b>VOLUME SOLIDS (ASTM D2697)</b> | 38 ± 2%                                 |
| <b>SPECIFIC GRAVITY</b>           | 1.38 ± 0.04 (For white & pastel shades) |
| <b>THEORETICAL SPREADING</b>      | 12.7 – 7.6 m <sup>2</sup> /lit.         |
| <b>RECOMMENDED DFT (DRY FILM)</b> | 30 – 50 microns/coat                    |
| <b>RECOMMENDED WFT (WET FILM)</b> | 79 – 132 microns/coat                   |
| <b>FLASH POINT</b>                | Water based                             |



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### **DRYING TIME**

|  |                     |
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| Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time). |                     |
| <b>TOUCH DRY</b>   | 3 hrs.              |
| <b>HARD DRY</b>  | 5 – 6 hrs.          |
| <b>DRY TO OVERCOAT</b>   | 2 - 3 hrs.(minimum) |

### **ADVANTAGES**

|                            |   |
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| <b>TRUST HYGIENIC SILK</b> | Advanced antibacterial, odourless, silver ion, highly washable, very good opacity and crack tolerance, durable silk finish, minimizes staining, bad odours and material degradation on surface it is applied, free from harmful chemicals and has very low VOC. |
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### **APPLICATION INSTRUCTION**

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| <b>SURFACE PREPARATION</b> | Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Any defects on the substrate should be rectified before starting painting. Application can be done by the recommended application methods. |
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### **APPLICATION DATA**

|                                   |  |
|-----------------------------------|--|
| <b>APPLICATION METHODS</b>        | Roller, Spray, Brush   |
| <b>CLEANING/THINNING</b>          | Water  |
| <b>THINNER (VOLUME)</b>           | Maximum up to 15% (depends on method of application)                       |
| <b>CONVENTIONAL SPRAY</b>         | Possible   |
| <b>AIRLESS SPRAY REQUIREMENTS</b> | Pressure: 2100 psi<br>Nozzle: 0.021” – 0.027”<br>Angle of spray: 65° - 80° |

### **SYSTEM**

|  |  |             |
|--|--|-------------|
| <b>RECOMMENDED SYSTEM</b><br>(To be applied on prepared surface) | 1.National Acrylic Primer (W.B)          | 1 coat      |
|  | OR                                       |             |
|  | 1. National PVA Primer White for Masonry | 1 coat      |
|  | 2.National Stucco Filler (if required)   | 1 – 2 coats |
|  | 3. Trust Hygienic Silk                   | 2 coats     |



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**ADDITIONAL DATA**

|                          |  |
|--------------------------|--|
| <b>SHELF LIFE @ 30°C</b> | 18 months, in original sealed container, with proper storage conditions. |
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**HEALTH & SAFETY**

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| <b>SAFETY<br/>PRECAUTIONS</b> | Generally, most of the water base paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.<br>Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. Local safety regulations to be followed. |
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**STORAGE & HANDLING**

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| <b>STORAGE</b> | Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use. |
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**NOTE:** We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.  
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