

|                                  |   |
|----------------------------------|---|
| <b>DESCRIPTION</b>               | <b>SAKSHI THANE 525</b> is a two component; aliphatic isocyanate cured acrylic semi glossy finish paint.  |
| <b>PRINCIPAL CHARACTERISTICS</b> | <ul style="list-style-type: none"><li>- <b>SAKSHI THANE 525</b> is suitable for use in new construction and as an industrial maintenance finish.</li><li>- Can be used in wide variety of environments including offshore structures, petrochemical facilities, and bridge, pulp and paper mills and in the power industry.</li><li>- <b>SAKSHI THANE 525</b> having excellent colour retention.</li><li>- <b>SAKSHI THANE 525</b> can be used as a top coat, over epoxy screed as a part of flooring system.</li><li>- <b>SAKSHI THANE 525</b> finishes giving excellent durability in outdoor exposure.</li></ul> |
| <b>COLOURS AND GLOSS</b>         | Range and Semi glossy   |
| <b>BASIC DATA</b>                |   |
| Volume solids                    | 50 ± 2 %  |
| Recommended Dry Film Thickness   | 30-40 microns   |
| Theoretical Spreading Rate       | 16.66m <sup>2</sup> /L, for 30 µm DFT   |
| Set to touch @ 30 °C             | 40 minutes  |
| Hard dry @ 30 °C                 | 12 hours  |
| Over coating interval            | Min. - 12hours<br>Max - Extended  |
| Pot life                         | 3 hrs 30 minutes 30°C   |
| Flash Point                      | Above 26° C   |
| Product weight                   | 1.15±0.03kg/litre (depends on shade)  |
| Resistance to dry temperature    | Up to 100°C   |
| <b>VOC</b>                       | 430g/lt (calculated)  |

VOC values are typical and are provided for guidance purposes only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances

### RECOMMENDED SUBSTRATE

### SUBSTRATE CONDITIONS AND TEMPERATURES

- **SAKSHI THANE 525** should always be applied over a recommended anti corrosive coating scheme. The primer surface should be dry and free from all contamination and **SAKSHI THANE 525** must be applied within the overcoating intervals specified.
- Substrate temperature should be at least 3°C above dew point and maximum relative humidity should be 85%.

### INSTRUCTIONS FOR USE

#### Mixing Ratio by volume: base to hardener 6:1

- The temperature of the mixed base and hardener should preferably be above 15°C, otherwise extra solvent may be required to obtain application viscosity
- Too much solvent results in reduced sag resistance and slower cure
- Thinner should be added after mixing the components

### AIRLESS SPRAY:

Recommended Thinner  
Volume of Thinner

#### SAKSHI THINNER 500

0-3% depending on required thickness and application conditions

Nozzle Orifice  
Nozzle Pressure

Approx. 0.43 – 0.58 mm (17 – 23 thou)  
Approx. 155 kg / cm<sup>2</sup>; 2200 psi

### AIR SPRAY

Recommended Thinner  
Volume of Thinner

#### SAKSHI THINNER 500

0-5% depending on required thickness and application conditions

Nozzle Orifice  
Nozzle Pressure

1.5 – 3.00 mm  
Approx. 3 -4 bar; 43-57 psi

### BRUSH/ROLLER

Recommended Thinner  
  
Volume of Thinner

#### SAKSHI THINNER 500

Only for touch up and spot repair.  
0-5 % as per requirement.

### CLEANING SOLVENT

#### SAKSHI THINNER 500

### SAFETY PRECAUTIONS

This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapour as well as contact between the wet paint and exposed skin and eyes.

### ADDITIONAL DATA

#### Film Thickness and Spreading Rate

|   |       |       |
|---|-------|-------|
| Theoretical spreading rate, m <sup>2</sup> /l | 16.66 | 12.50 |
| Dft in µm                                     | 30    | 40    |

Maximum dft when brushing (touch up and spot repair) 30µm

### Over coating table for DFT up to 40 µm

| Substrate Temperature | 20°C     | 30°C     | 40°C     |
|-----------------------|----------|----------|----------|
| Minimum interval      | 22 Hrs   | 12 Hrs   | 8 Hrs    |
| Maximum Interval      | Extended | Extended | Extended |

### SYSTEM COMPATIBILITY

: SAKSHITHANE 525 Recommended Over the EPOXY & PU primers,

### PACK SIZE SHELF LIFE

20, 10, & 4 LTR  
12 months minimum at 25°C (77°F).Subject to re-inspection thereafter.  
Store in dry, shaded conditions away from sources of heat and ignition

### LIMITATION OF LIABILITY

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by SAKSHI COATING, whether in technical documentation or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge are reliable. The products and information are designed for users having requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use.

SAKSHI COATING has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. SAKSHI COATING does therefore not accept any liability arising from loss, damage or injury resulting from such use or the contents of this data sheet. The data contained herein are liable to modification as a result of practical experience and continuous product development. It is the user's responsibility to ensure that this sheet is current prior to using the product.1.2.2018