

### DESCRIPTION

**SAKSHITHANE 535** is a modified two component; aliphatic isocyanate cured acrylic high glossy finish paint.

### PRINCIPAL CHARACTERISTICS

- **SAKSHITHANE 535** is a highly flexible coating, suitable for use as a part of water proof flexible system.
- Can be used in wide variety of environments including offshore structures, petrochemical facilities, and bridge, pulp and paper mills and in the power industry.
- **SAKSHITHANE 535** having excellent adhesion on concrete and metal substrate.
- **SAKSHITHANE 535** having excellent gloss and colour retention.
- **SAKSHITHANE 535** can be used as a top coat, over EPOXY URETHANE HYBRID screed coat, as a part of flooring system.
- **SAKSHITHANE 535** having excellent Water, Impact and Mar resistance.
- **SAKSHITHANE 535** finishes giving excellent durability in outdoor exposure.
- **SAKSHITHANE 535** Provides excellent flexibility.

### COLOURS AND GLOSS

Range and Glossy

### BASIC DATA

Volume solids	51 ± 2 %
Recommended Dry Film Thickness	40-60 microns
Theoretical Spreading Rate	12.75m <sup>2</sup> /L, for 40 µm dft
Set to touch @ 30 °C	40 minutes
Hard dry @ 30 °C	12 hours
Over coating interval	Min. - 12hours Max - Extended
Pot life	2 hrs 30 minutes 30°C
Flash Point	Above 23° C
Product weight	1.20±0.03kg/litre (depends on shade)

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

## DATA SHEET

### RECOMMENDED SUBSTRATE

### SUBSTRATE CONDITIONS AND TEMPERATURES

- **SAKSHITHANE 535** should always be applied over a recommended anti corrosive coating scheme. The primer surface should be dry and free from all contamination and **SAKSHITHANE 535** 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

SAKSHITHINNER 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

SAKSHITHINNER 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

SAKSHITHINNER 500

Volume of Thinner

0-5 % as per requirement.

### **CLEANING SOLVENT**

SAKSHITHINNER 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	12.75	8.5
Dft in µm	40	60

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 535 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.

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