SAKSHITHANE 535 (PU FLEXIBLE- Glossy finish)

DATA SHEET

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	12.75m2/L, for 40 µm dft
Set to touch @ 30 ^{0}C	40 minutes
Hard dry @ 30 ^{0}C	12 hours
Over coating interval	Min. - 12hours Max - Extended
Pot life	2 hrs 30 minutes 30^{0}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

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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	SAKSHITHINNER 500
Volume of Thinner	0-3% depending on required thickness and application conditions
Nozzle Orifice	Approx. 0.43 – 0.58 mm (17 – 23 thou)
Nozzle Pressure	Approx. 155 kg / cm ^{2}; 2200 psi

AIR SPRAY

Recommended Thinner	SAKSHITHINNER 500
Volume of Thinner	0-5% depending on required thickness and application conditions
Nozzle Orifice	1.5 – 3.00 mm
Nozzle Pressure	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

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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^2/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 20, 10, & 4 LTR

SHELF LIFE 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