



SRI KRISHNA DESCALERS PVT LTD

Reliable | Prompt | Effective

Benefits

- SAKAPHEN® prevents corrosion, fouling as well as bio fouling
- SAKAPHEN® allows a considerably lower fouling Factor when designing new heat exchangers
- SAKAPHEN® guarantees reliability & high profitability
- Capital costs are reduced due to the usage of simple carbon steel
- Operational costs are reduced as scaling / fouling on the tube surface of the heat exchanger are Prevented
- Will prolong the life of the units coated to an average durability of 10 to 15 years

Highlights

- SAKAPHEN® resistance to wide variety like cooling water/ sea water/ acid/alkaline/solvents/chlorides/nitrates/sulphates
- SAKAPHEN® is resistance to water vapor and to extreme temperature fluctuations
- SAKAPHEN® has a long life at temperatures ranging from -20c° to +220c°
- SAKAPHEN® is electrically non-conductive but thermally conductive
- long life equipment with low maintenance
- SAKAPHEN® has resistance to 3000 corrosive chemicals
- Quality assured and guaranteed by licenser

SAEKAPHEN CLIENTS

REFENIERS

- ONCC
- HPCL
- RIL
- MRPL

ISO TANKS

- SRF
- SHIVA
- PHARMA
- GOODRICH
- MARINE

CHEMICALS

- RALLIS INDIA LTD
- ATUL
- RCF

INTERNATIONAL CLIENTS

- JORDEN REFINERY
- ONDA OFFSHORE
- BERITH MARINE
- TOTAL REFINERY

Contact us

Sales office

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Factory

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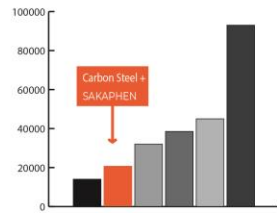
Permanent solution to scaling, corrosion and Inconsistent heat conductivity problems



Specialist : Pickling & Passivation, Chemical Cleaning &

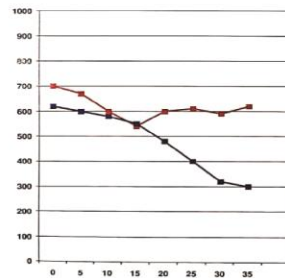
SAKAPHEN Heat Cured Coating (factory applied)

Material Type	Surface	Resin	Resistance	Field of Application
Si 14 E	Hydrophobic, Smooth	Phenolic	High acid to slightly alkaline, Salt solution, cooling water, Gases, organic liquids, Solvents	Heat exchangers, air coolers, fans, turbines, Vents, tanks, pipe work, vessels, water Treatment, crude oil unit etc.
Si 14 EG	Matte	Phenolic	Water vapour diffusion, Acid A. Slightly alkaline Liquids and vapour	Heat exchangers, condensers, evaporators, Condensate containers, thermal degassers, desalter unit
Si 17 E	Satin finished, smooth	Phenolic	Liquid or gaseous hydrocarbons, oils, acidic to slightly, alkaline mediums to PH 8	Inside coating of tanks for storage and transport of flammable liquids, aliphatic hydrocarbon
Si 57 E	Hydrophobic, smooth	Epoxy - phenolic	High alkaline to slightly acidic, all cooling waters incl. brackish - A. sea water	Heat exchanger, condensers, vessels, water treatment, air coolers, fans, turbines, vents, tanks, pipe works
Si 57 E-HC	Satin finished, smooth	Epoxy - phenolic	High alkaline to acid, all cooling water incl. brackish- A. sea water	Heat exchangers, condensers, where a higher heat conductivity is required
Si 57 EG	matte	Epoxy - phenolic	Water vapour diffusion in, alkaline to low acid liquids	Condensers, condensate, containers, degassers vessels



Reduction in Cleaning COST and FREQUENCY

Such as: 100Tubes (25 x 2x 2500mm)
fixed tube sheet bundle,
diameter:400mm, ST 35.8,
Tubeside coated with SAKAPHEN



Operating Period in days

Water-cooled condensers, parallel operation
entry temperature of condensate:
98-103°C cooling water speed: 0.3 m/sec.

For more than 56-year-old GERMAN company, SAKAPHEN has developed coating materials for all kind of process equipment as well as application technologies which provide a reliable corrosion protection, prevent fouling and have become world famous under the name SAKAPHEN.



With SAKAPHEN

Without SAKAPHEN

The heat exchanger was then decommissioned

SAKAPHEN® has significantly positive impact on heat transfer rate. It has excellent consistency of heat conductivity over long period.

Where SAKAPHEN Can be Coated

- ✔ Floating Head Tube Bundles
- ✔ U-tube Bundles
- ✔ Oil Coolers
- ✔ ISO Tanks
- ✔ Valves
- ✔ Ventilation Equipment
- ✔ Tubular Heat Exchanger
- ✔ Reactors
- ✔ Air Cooler
- ✔ Vessels
- ✔ Piping
- ✔ Corrosive Equipments

Heat Exchanger

