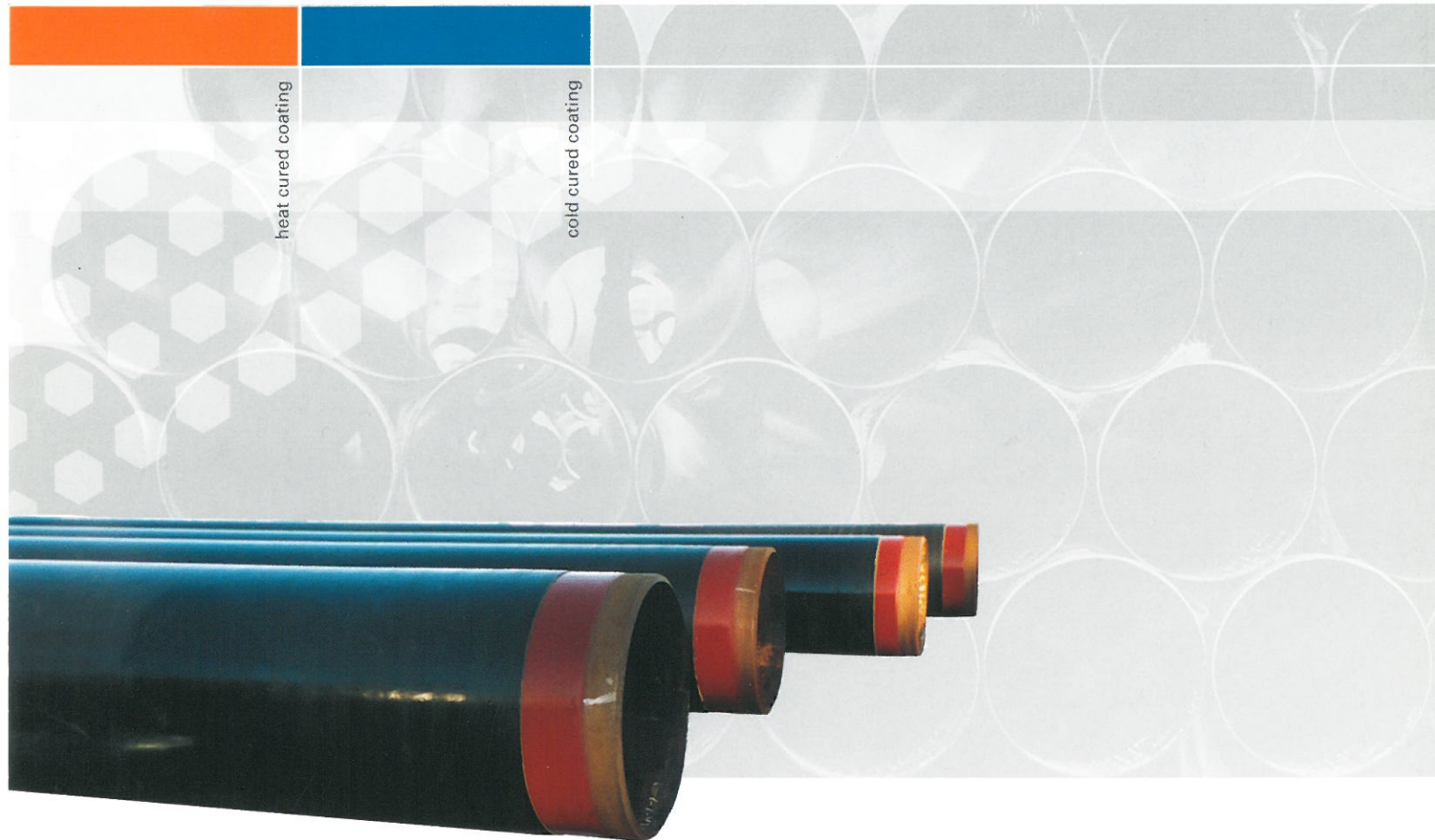




heat cured coating

cold cured coating



Your partnership for perfect
Application technologies and system
anti-corrosion protection
of pipelines



SAEKAPHEN

in refineries, petrochemical and chemical process plants

high profitability

Year after year billions are lost in highly industrialized countries due to corrosion. Increasing operation and repair costs affect the profitability of production plants. Repairs and maintenance are facts which increasingly burden industry.

SAEKAPHEN'S research and development in materials intend to assist in overcoming these problems.

Where corrosion protection is concerned, SAEKAPHEN sets new standards.

For more than 50 years coating materials and application technologies have been developed, providing a reliable corrosion protection and preventing fouling, and have consequently become world famous under the name of SAEKAPHEN.

SAEKAPHEN®

Workshop-and field applied SAEKATAR® coating systems

In the pipeline industry coatings must meet specific requirements. Only proven and reliable product systems are meeting these extreme chemical and mechanical demands offering high-performance and long-term durable corrosion protection.

SAEKAPHEN has reached international recognition over 50 years of experience and know-how in the development, production and application of SAEKATAR® coating systems for anticorrosion protection in pipelines.

SAEKATAR® coating systems meet the following demands:

- Excellent corrosion protection
- Perfect adhesion to steel
- Quick cure for fast-in-service use
- pinhole free

- High temperature resistance
- High chemical resistance
- Exceptional impact resistance
- Excellent abrasion resistance
- Good penetration resistance
- Good cathodic disbonding properties

The SAEKATAR® range of protective coating systems is the right solution for requirements of pipeline industry. With excellent chemical and mechanical properties the SAEKATAR® coating systems have proved their effectiveness in all fields of corrosion protection application.

SAEKATAR® 2-components coating systems

product	Method of application	Properties	Field of application
SAEKATAR® P 320/450	<ul style="list-style-type: none"> • solvent free, • polyurethane, • 2-components, • airless hot spraying system 	<ul style="list-style-type: none"> • density 1,50 g/cm³, • complies with DIN EN 10290, • temperature resistance 80° C 	gas, oil, sewage water, industrial water, transport of solids
SAEKATAR® PDW 320/550	<ul style="list-style-type: none"> • solvent free, • polyurethane, • 2-components, • airless hot spraying system 	<ul style="list-style-type: none"> • density 1,63 g/cm³, • complies with DIN 30671 and DIN 30677, part 2 • temperature resistance 80° C 	gas, oil, sewage water, industrial water, transport of solids
SAEKATAR® E 320/890	<ul style="list-style-type: none"> • solvent free, • Epoxy, • 2-components, • airless hot spraying system 	<ul style="list-style-type: none"> • density 1,60 g/cm³, • meets the requirements of, DIN EN 10289, fast curing, • complies with CSA and ASTM testing requirements 	gas, oil, sewage water, industrial water, transport of solids
SAEKATAR® EHT 320/890	<ul style="list-style-type: none"> • solvent free, • Epoxy, • 2-components, • airless hot spraying system 	<ul style="list-style-type: none"> • high temperature resistance dry 150° C, density 1,45 g/cm³, • DFT minimum 1.000µ • complies with CSA and ASTM testing requirements 	gas, oil, sewage water, industrial water, transport of solids

Workshop-applied SAEKATAR® coating systems

SAEKATAR® can be applied in the workshop using any of the following methods:

- Continuous in-line airless hot spraying production
- Rotation (pipe) stations
- Hanging racks or internal supports
- Hand application of complex parts

Workshop-applied methods ensure optimum application and cure conditions. Mobile plants (stationary or moving)** ensure high speed production rates on larger projects.

Fast set up and cure SAEKATAR® products are ideal for workshop environment. High production rates can be achieved in the coating of:

- One-layer polyurethane or epoxy pipeline coatings
- HDD or thrustbore pipelines
- Valves, fittings and (risers) bends
- Containers / Tanks
- Piling Pipes

** provided by pipeline equipment companies.

Field-applied SAEKATAR® coating systems

SAEKATAR® can be applied in the field to protect the following:

- buried pipelines
- bellhole rehabilitation
- line pipe rehabilitation
- field joints
- distribution units
- valves and fittings
- containers / tanks

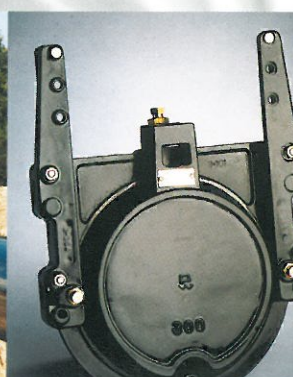
Due to the short curing of SAEKATAR® products, a permanent and full effective corrosion protection coating is achieved

in a single pass coating operation without a selected application method.

The versatility and viscosity of SAEKATAR® are the ideal choice for field application. Products can be applied using the following methods:

- Mobile airless hot-spraying (truck, skid mounted) manned uses
- Automated airless hot-spraying, in line travel, manned equipment
- Hand applied by brush or trowel

Rehabilitation of
corrosion protection
for buried pipelines and
pipeline components



*Sandblasting
Priming
Coating
Testing
Inspection
Repairing
Maintenance
Service*

SAEKATAR® proven in the pipeline industries

The efficient application of the airless
hotspraying method offers the advantage
of easy coating operations with varying
coating thickness in one pass (a coating
thickness exceeding 2.0 mm Dry Film
Thickness (D.F.T) can be achieved).

A film thickness of 0.8 mm D.F.T. ensures
high electrical insulation capacity, excellent
mechanical strength, good abrasion
resistance and outstanding resistance
to chemical attack. It also provides a
permanent corrosion protection barrier to
meet the in-service demands of the
pipeline systems.



SAKAPHEN



All recommendations
contained in
this document are
correct to the best of
SAEKAPHENs
knowledge. But
SAEKAPHEN does
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responsibility for the
accuracy of content.

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SAEKAPHEN – LICENSEE

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