

PROTECTIVE PAINTS



ENDLESS
INNOVATION



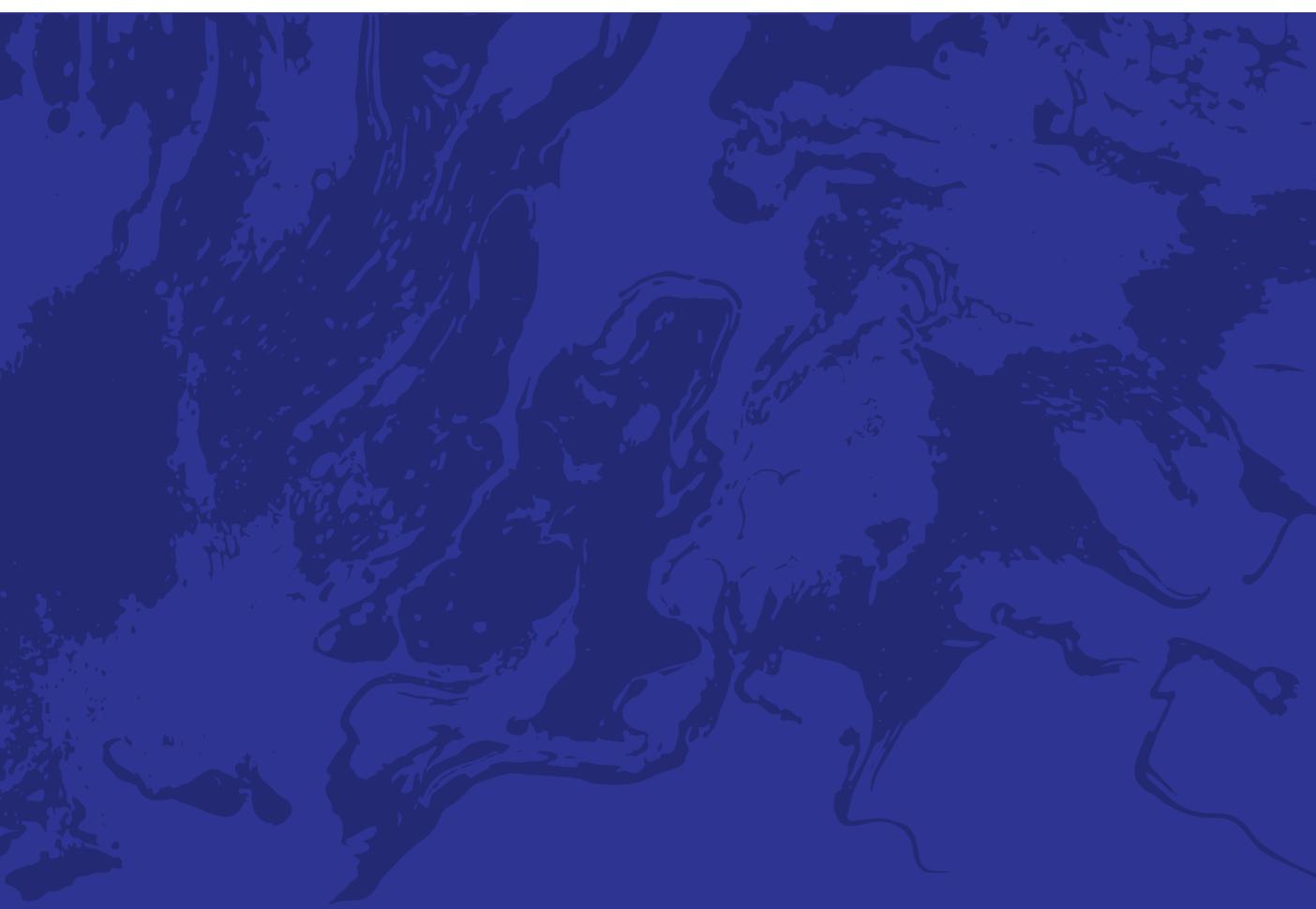


Peka Chemie Industrial Company



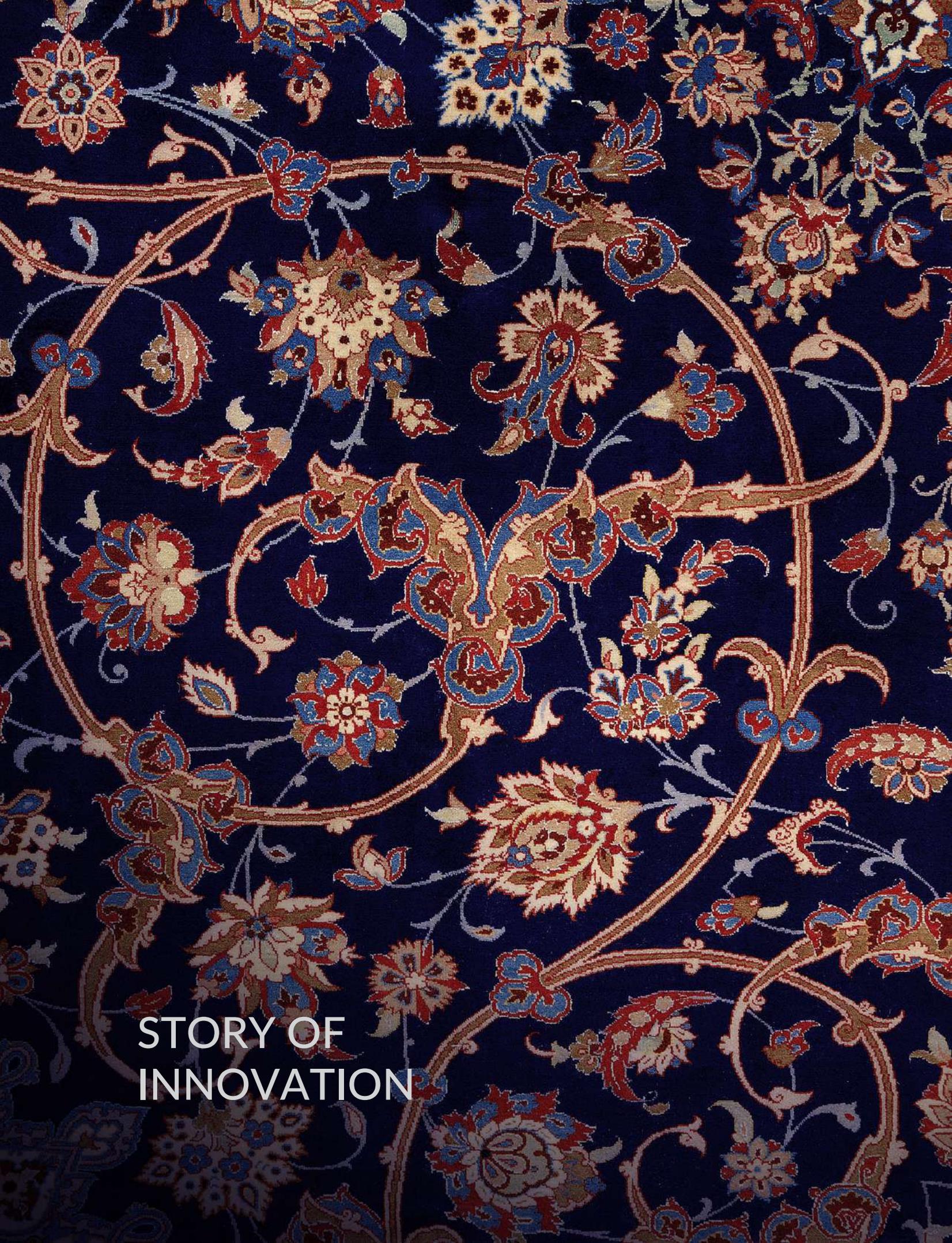
Peka Chemie Industrial Manufacturing Company was established in 1995 with the aim of producing various types of polymer coatings. The company launched its pilot production in 1999 with the manufacture of electrostatic powder coatings and soon became recognized as the country's leading producer in this field. Today, PekaChemie is known as one of the largest Paint manufacturers in the Middle East, and Eurasia.

www.pekachemie.com



As part of its ongoing development program, the company has established a new facility dedicated to the production of various industrial liquid coatings and paints. By leveraging the knowledge and expertise of its experienced specialists and technical experts in the coatings industry, PekaChem has made significant strides in manufacturing and supplying high-quality industrial and protective products.

Its products comply with the standards and requirements of a wide range of industries, including oil & gas, petrochemical, marine structures, water and wastewater, automotive, railway, household appliances, and many other industrial sectors.

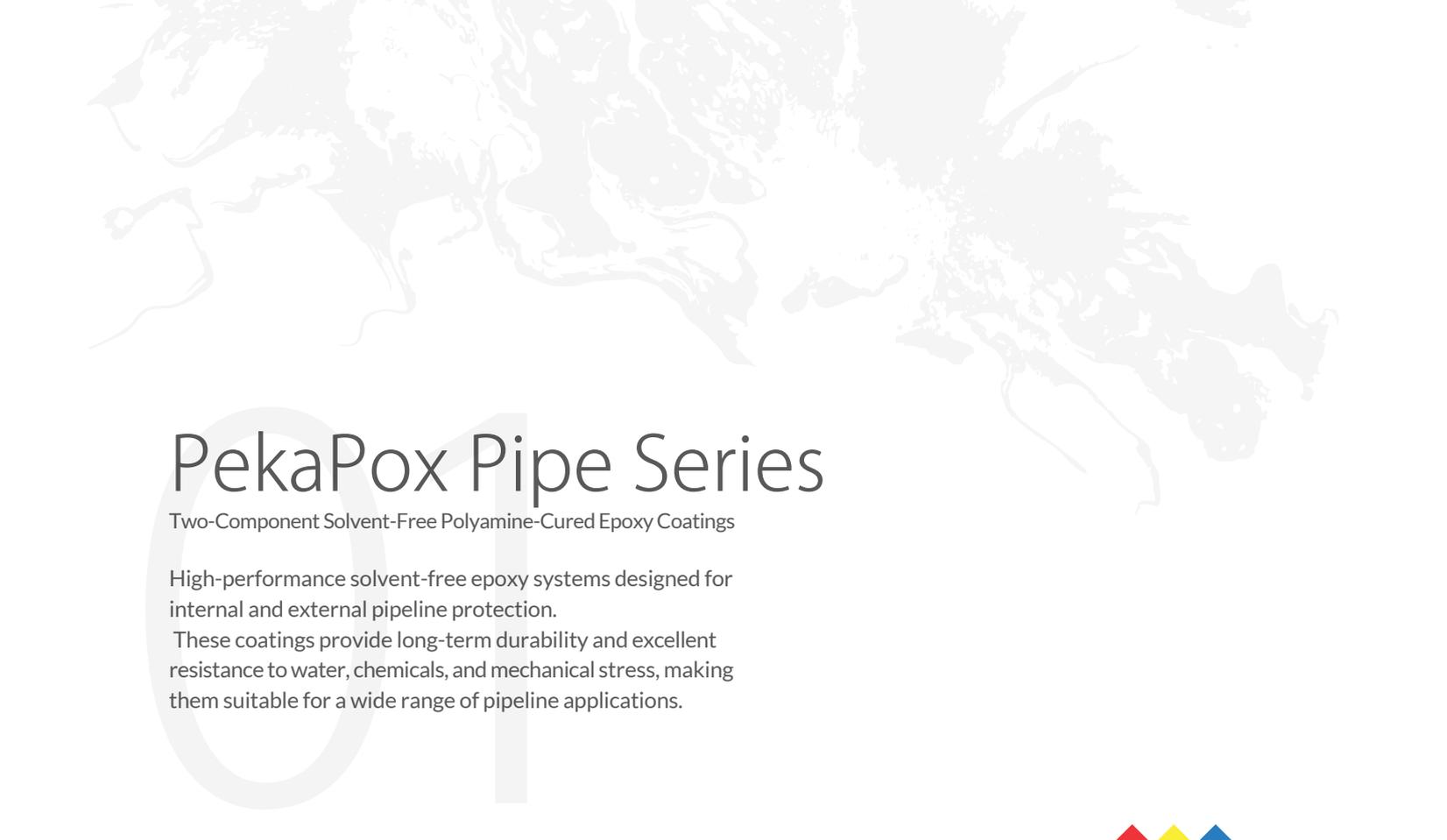


STORY OF
INNOVATION



Peka-Product Group

PekaPox Pipe Series
PekaPox Series
PekaThane Series
PekaSil Series
PekaTherm Series
PekaKyd Series
PekaCryl Series



PekaPox Pipe Series

Two-Component Solvent-Free Polyamine-Cured Epoxy Coatings

High-performance solvent-free epoxy systems designed for internal and external pipeline protection.

These coatings provide long-term durability and excellent resistance to water, chemicals, and mechanical stress, making them suitable for a wide range of pipeline applications.



Key Benefits:

- Solvent-free formulation: Environmentally friendly, low VOC, safe for confined spaces
- Approved for potable water contact: Safe for lining of drinking water pipelines
- Excellent chemical and abrasion resistance: Withstands oils, fuels, and corrosive fluids
- High build in a single coat: Reduces application time and cost
- Superior adhesion to steel substrates: Ensures long-term corrosion protection
- Suitable for field joint coating: Easy application by brush, spray, or plural-component equipment

Typical Applications:

- Potable water steel pipes (internal lining)
- Oil, gas, and water transmission pipelines (internal & external protection)
- Field joints and repair coatings
- Industrial process and wastewater pipelines



PekaPox PipeIP:

A solvent-free, two-component polyamine-cured epoxy coating designed for internal lining of potable water steel pipes.

It can be applied in a single thick layer up to 500 microns, offering excellent abrasion and impact resistance, and long-term protection against seawater, mineral oils, and aliphatic hydrocarbons.



PekaPox PipeEJ:

A solvent-free, two-component polyamine-cured epoxy coating with excellent wetting and low water permeability.

It is self-priming, forms a hard and durable film resistant to abrasion, impact, seawater, mineral oils, and aliphatic hydrocarbons.

It can be applied in thick layers up to 1500 microns using heavy-duty hot dual airless spray equipment. Complies with NIOEC-SP-80-20 and IGS-M-TP-027 standards.



PekaPox Series

Two-Component Epoxy Coatings

A versatile range of high-performance epoxy coatings designed for the long-term protection of steel and concrete structures in marine, industrial, and urban environments.

These coatings provide reliable barrier protection and outstanding chemical resistance, making them suitable for both new construction and maintenance projects.



Key Benefits:

- Excellent corrosion protection in aggressive environments
- Outstanding resistance to a broad spectrum of chemicals, oils, fuels, and solvents
- High mechanical strength – abrasion and impact resistant
- Versatile application – suitable as primer, intermediate, or finish coat depending on system design
- Strong adhesion to properly prepared steel and concrete substrates
- Compatible with a wide range of topcoats (polyurethane, acrylic, etc.)

Typical Applications:

- Offshore and marine structures
- Bridges and heavy infrastructure
- Refineries, petrochemical plants, and storage tanks
- Power generation facilities
- Pipelines and industrial equipment



PekaPox Zinc Series

A two-pack epoxy primer with high zinc content, designed for superior corrosion protection of steel in harsh marine and industrial environments. It meets SSPC Paint 20 Level 1&2&3 and ISO 12944 standards.

PekaPox MIO Series

A two-pack epoxy coating with micaceous iron oxide for enhanced water resistance. It offers excellent abrasion and impact resistance and can be used as an intermediate or final coat.

PekaPox Mastic Series

A two-pack epoxy coating offers excellent anticorrosion performance in harsh environments with strong adhesion to St3 Prepared steel.

PekaPox Tank Series

A two-pack epoxy offers tough, self-priming coating with excellent resistance to abrasion, seawater, and crude oil. As a self-primed coating for ballast water tanks and similar

PekaPox CR Series

phenolic epoxy (novolac) paint, which cures to a coating with excellent resistance to a wide range of chemicals.

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PekaThane Series

Two-Component Polyurethane Finishing Coats

High-performance polyurethane topcoat providing long-term protection for steel structures in highly corrosive environments, with excellent weathering resistance, adhesion, gloss, and color retention.

Key Benefits:

- Outstanding durability in aggressive industrial, urban, and marine atmospheres
- Excellent light-fastness ensuring long-term color stability
- Superior gloss retention for an aesthetically pleasing finish
- Excellent resistance to weathering, UV radiation, and moisture
- Compatible with epoxy primers and intermediate coats for complete protection systems

Typical Applications:

- Offshore platforms and marine structures
- Bridges and infrastructure
- Industrial facilities and refineries
- Power plants and heavy machinery

PekaThane TOP SF Series

An aliphatic, acrylic based semi-flat polyurethane topcoat for all atmospheric areas.

The product provides excellent durability.

PekaThane TOP SG Series

A two-pack acrylic semi-glass polyurethane topcoat.

This product is used for interior and exterior areas and has good resistance to a broad range of corrosive atmospheres which is specially formulated for marine and industrial conditions.

PekaThane TopHB Series

A two-pack polyurethane topcoat with excellent gloss and colour retention.

It offers a tough, durable coating with good resistance against the spillage of oils and chemicals. It can be applied at a dry film thickness up to 100 microns in a single coat without affecting gloss properties.

PekaThane TopHS Series

A two-pack High-solid polyurethane topcoat with excellent gloss and colour retention, applicable up to 125 μm DFT in a single coat.





PekaSil Series

Two-Component Inorganic Zinc Silicate Coatings

Solvent-borne, self-curing, zinc-rich primers designed for long-term corrosion protection of steel structures. These coatings serve as both general-purpose rust-preventing primers and shop primers, offering reliable performance in moderately to severely corrosive environments.





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Key Benefits

- Excellent corrosion resistance due to high zinc content (cathodic protection)
- Self-curing properties for faster handling and early overcoating
- Outstanding durability as a single, complete coating system
- Compatible with a wide range of topcoats (epoxy, polyurethane, acrylic)
- Excellent heat resistance – suitable for elevated temperature exposures
- Ideal for shop application – fast drying, weldable, and cuttable

Typical Applications

- Offshore platforms and marine structures
- Bridges and infrastructure steelwork
- Refineries, petrochemical plants, and power stations
- Storage tanks and pipelines



PekaSil Guard Series

A Two-pack High-zinc ethyl silicate coating providing long-term corrosion protection with excellent resistance to chemicals, marine exposure, UV, and heat up to 400°C.

PekaSil Shop Series

A Two-pack zinc content ethyl silicate shop primer providing short to medium-term corrosion protection for steel during storage, fabrication, and construction, with excellent welding and gas-cutting properties.



PekaTherm Series

One Component High-Temperature Coatings

A silicone binder-based protective coating formulated to withstand continuous high-temperature exposure. Designed for the protection of steel structures operating at elevated temperatures of up to 600°C.

Key Benefits

- Withstands high heat – continuous protection up to 600°C
- Excellent corrosion resistance for steel in thermal cycling conditions
- Single-component formulation – easy to apply and maintain
- Durable finish with resistance to peeling and cracking under heat stress



Typical Applications

- Exhaust systems and stacks
- Furnaces, boilers, and chimneys
- Petrochemical and refinery piping
- Power plant equipment and hot surfaces



PekaTherm 250 Series

a single-component, heat-resistant modified acrylic silicone finish designed to withstand temperatures up to 250°C. It provides enhanced corrosion resistance. The product is available in a wide range of color shades.

PekaTherm 400 Series

an aluminum finish based on silicone resins, providing heat resistance up to 400°C continuously. It can be applied directly on steel for maximum performance.

PekaTherm 600

a one-component, heat-resistant aluminum silicone finish offering continuous protection up to 450°C and intermittent resistance up to 600°C.

It is recommended for direct application on steel for best performance, or over PekaGuarde Sil for improved corrosion resistance.



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PekaKyd Series

Alkyd Coatings

Durable alkyd-based paints formulated to provide a weather-resistant protective film with excellent flexibility and resistance to mild chemical exposure. These coatings are ideal for use as maintenance and finish coats on steel and other substrates in moderately corrosive environments.



Key Benefits

- Weather-resistant finish – protects steel in outdoor exposures
- Flexible film – resists cracking and peeling on substrates subject to movement or vibration
- Good resistance to salt water and mineral oil spills
- Easy application – single-component, brush, roller, or spray applied
- Economical solution for general-purpose protection and maintenance

Typical Applications

- Storage tanks and pipelines in mild industrial or marine
- Structural steel, machinery, and equipment
- Sea Stock paints for ship maintenance
- Agricultural and construction vehicles



PekaKyd TopG Series

A high quality, modified alkyd Topcoat with good gloss and color retention for use in industrial and marine conditions.

PekaKyd TopSF Series

A semi-flat alkyd enamel providing a flexible, weather-resistant coating with good resistance to salt water, mineral oils, and aliphatic hydrocarbons. Recommended as a general-purpose finishing coat for steel and wood in mildly to moderately corrosive environments.

**PekaKyd ZP Series**

a single-pack air-drying alkyd zinc phosphate primer that protects steel from corrosion in marine and industrial environments, offering good leveling and strong adhesion to prepared surfaces.

PekaKyd Mid Series

a one-component alkyd midcoat with non-toxic pigments that provides excellent steel protection in industrial and marine environments, offering good leveling, adhesion, and easy application.

PekaKyd RIO Series

a single pack air-drying modified alkyd primer with red iron oxide pigments for excellent protection of steel structures against corrosion in industrial and marine environments (above water service).

PekaCryl Series

Physically Drying Modified Acrylic Coatings

High-quality acrylic resin-based paints formulated for excellent color retention and water-repellent properties. These coatings are designed for use as durable finish coats in protective systems where aesthetics, weatherability, and moisture resistance are important.



Key Benefits

- Outstanding color and gloss retention – maintains appearance in outdoor exposure
- Water-repellent film – prevents moisture penetration and surface degradation
- Fast physical drying – easy handling and shorter recoating intervals
- Good resistance to UV radiation and weathering
- Compatible with a wide range of primers and intermediate coats (epoxy, polyurethane, zinc primers)

Typical Applications

- Steel structures in urban and industrial environments
- Bridges, storage tanks, and pipelines
- Agricultural and construction equipment
- Reinforced concrete, plaster, brickwork, and similar substrates
- General maintenance coatings where aesthetics and durability are required



PekaCryl PrimeZP Series

a HB physically drying acrylic paint which contains zinc phosphate for corrosion resistance and offers good color retention. The coating resists salt water, aliphatic hydrocarbon splashes, and animal or vegetable oils.

PekaCryl Prime Series

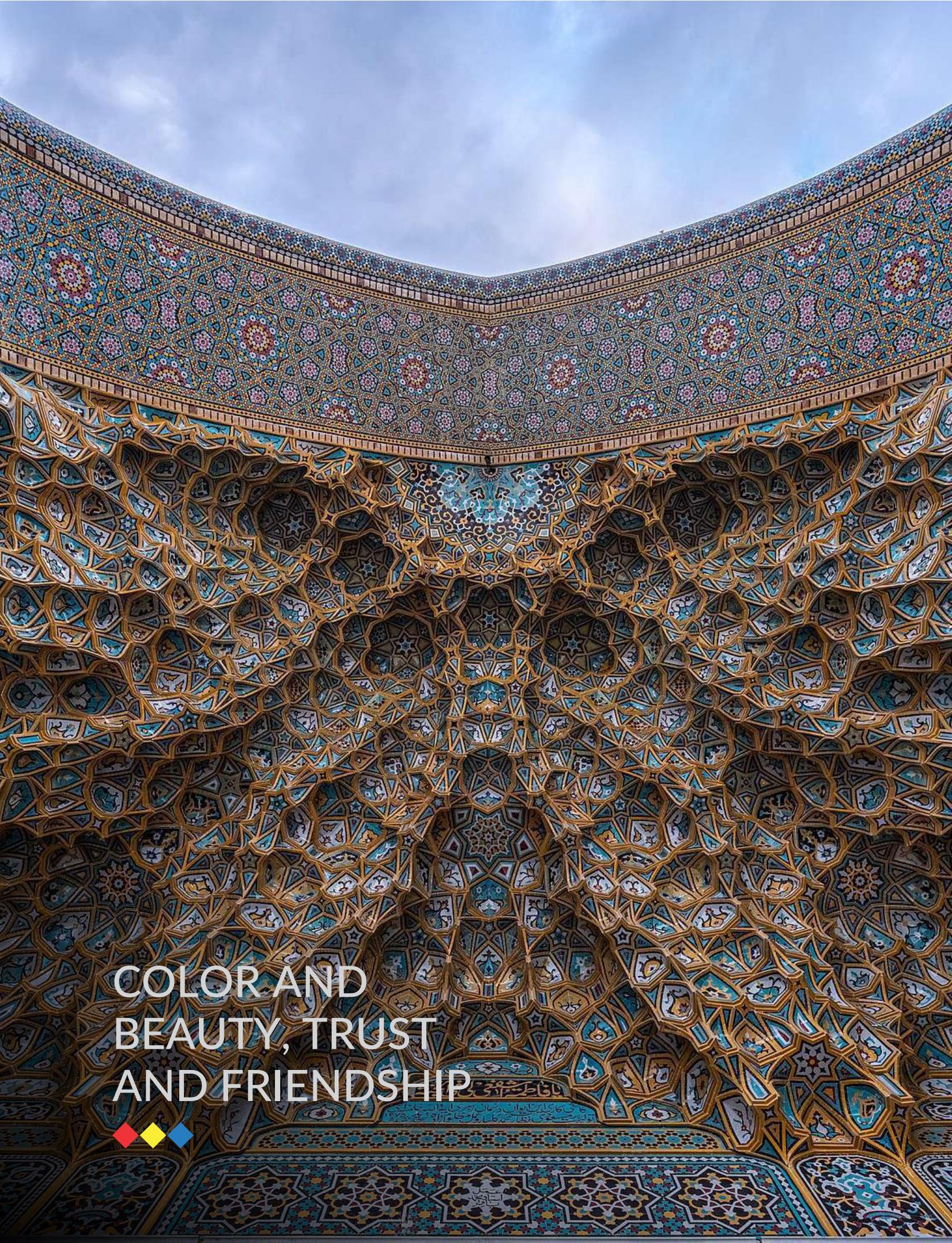
An alkali-resistant acrylic primer/sealer with excellent penetration and dust-binding properties for interior and exterior walls on mineral surfaces such as concrete, masonry, cement rendering, and asbestos.

PekaCryl TopSG Series

A physically drying acrylic topcoat for high gloss and color retention. It resists salt water, aliphatic hydrocarbon splashes, and animal or vegetable oils, suitable for interior and exterior use in moderately to severely corrosive environments.

PekaCryl TopF Series

a physically drying modified acrylic paint with excellent color retention, water repellency, and protection against carbonation and chloride intrusion. It serves as an exterior intermediate or finishing coat for reinforced concrete, plaster, brickwork, and similar surfaces.



COLOR AND
BEAUTY, TRUST
AND FRIENDSHIP





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