



Bajak

Environmental Friendly Paint

Introduction



Bajak® paint Co. (Ltd) has been established in 1992 in the field of paints, protective and marine coatings in Kaveh industrial town (beside Saveh city). Bajak® could draw consumers' attention immediately and became one of the most reliable suppliers for the clients using experts with more than 35 years experiences in the field. Bajak® is the first paint company in Iran which got certified to ISO 9001 and ISO 14001 from the DNV and also has received the ISO 17025 in the laboratory accreditation from ISIRI.

After 7 years cooperation with Hempel Company and getting technical knowledge of all industrial and marine paints, in order to serve the best marine services, Bajak® has signed a contract with KCC from South Korea, to offer the products with the trademark of KCC-BAJAK®.

So, Bajak® became able to rapidly deliver the paints to vessels anywhere around the world through KCC distribution network.





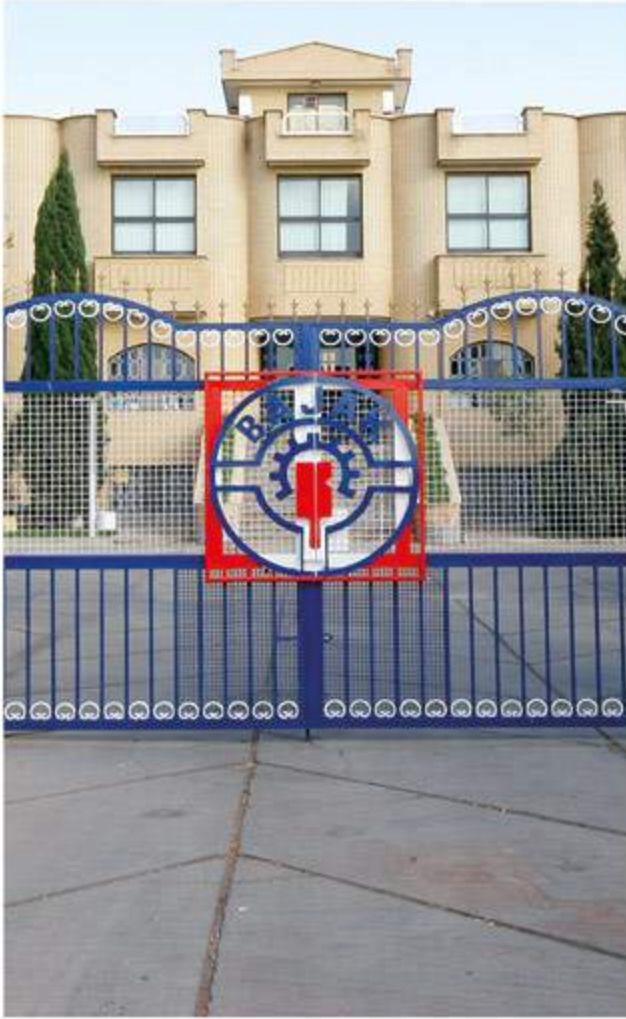
Bajak®'s vision in 2021

In 2021, Bajak® will be 29 years old. The age between 25-35 is normally called creativity and flourishing for human being. Bajak® has always had an ascending diagram in the production volume, sales trends and number of labors in the past years, according to the registered financial statistics. We frequently offer new creative products to the region's paint market each year. Receiving domestic and international certificates has made Bajak® and its products unique and outstanding in different markets.

Considering Bajak®'s developmental path during the past 22 years, which includes numerous ups and downs, in case of

production in the normal situation and enjoying the cooperation of strong R&D team in the company, we predict that the products tonnage and therefore the sales will be multiplied in the near future.

Hence, we think about using more Nano materials in Bajak® formulas to make specific properties in the paint. The afore-said technology will bring many advantages like reducing the amount of consumption per square unit; lengthen the service time, and less pollution.



In order to reach the above purpose, all the production line's machinery will be replaced with new ones that make better efficiency, and automation system will be used more than before to reach more speed and productivity. Here, we have to thank all our loyal specialists & experts, that we truly believe they are the most important Bajak® asset and the main reason of Bajak® progress. Because these experts has always helped us make better products & giving services to our clients in a more professional way. We have to mention that having the best quality and serving the professional services, regarding the aim of "not polluting the environment" is one of our main concerns & reachable values in planning for the future.

In general, we can foretell that in future, the market conditions will be growing. Therefore, we plan to build new factories locating in the domestic cities and ports close to the project site. At the end, kindly remember Bajak®'s motto:

"Bajak® thinks and acts internationally".





Environmental QC Management

Bajak®'s belief as a paint company is to prevent environmental pollution. So we were been thinking about finding a way to stop harming the environment. We deeply believe that our growth, reputation, and the future of our works directly depend on the standards compliance in our works.

Bajak® is one the few Iranian paint companies that always tries to produce products according to the environmental standards and is one of the first paint companies that obtains the international standards ISO9000,ISO 14000,ISO 17025. In the past decade, we have proved ourselves as an HSE oriented Company.

Quality Control Management

Bajak® has always moved in compliance with the quality management system since the very first day. In 1996, after obtaining ISO 9000, from DNV institute, Bajak® has set its main goal to get as close as possible to the clients' needs &

obligations through constantly complying and updating strict instructions in order to keep the costumer's benefits. Programmed control & auditing the process to minimize the deviation of rules and regulations is one of the other goals.

In order to reach aforesaid goals, QC department by considering customers and after service team feed-backs, have a very serious responsibility to correct and complete the tests of the raw materials and the final products. QC laboratory uses strict domestic instructions and adoptions group in addition to the international standards, in order to keep the costumer's rights. The integrated and mechanized data system has provided a complete tracking possibility for all Bajak®'s costumers. QC department is always ready to be accountable and cooperate with the costumers for auditing. Since the laboratory has obtained the necessary approvals from ISIRI, we have possibility of conducting the related tests at the presence of the clients' representatives at Bajak®'s factory.



Bajak and environment

Considering the chemicals of raw materials in paint industry, in case of failure to comply with the necessary rules during the production and implementation process of the paints, it is very likely to seriously damage the environment. So, in order to minimize the environmental hazards, Bajak has decided to obtain the ISO 14000 the standard for the environmental management and in order to take control of production and storage dep., accepting all the related costs and expenses, has started to design, construct and installing the AC, refiner and scrubber in the factory and has always kept the amount of pollutants at the factory's output to the soil, water and air at minimum and quite according to the allowed range of "Department for environment". In order to reduce the effects of products on the environment, Bajak has done three approaches of omitting solvents: adding solvent free products to the production, reducing the solvent consumption by increasing the solid volume of products and replacing the products

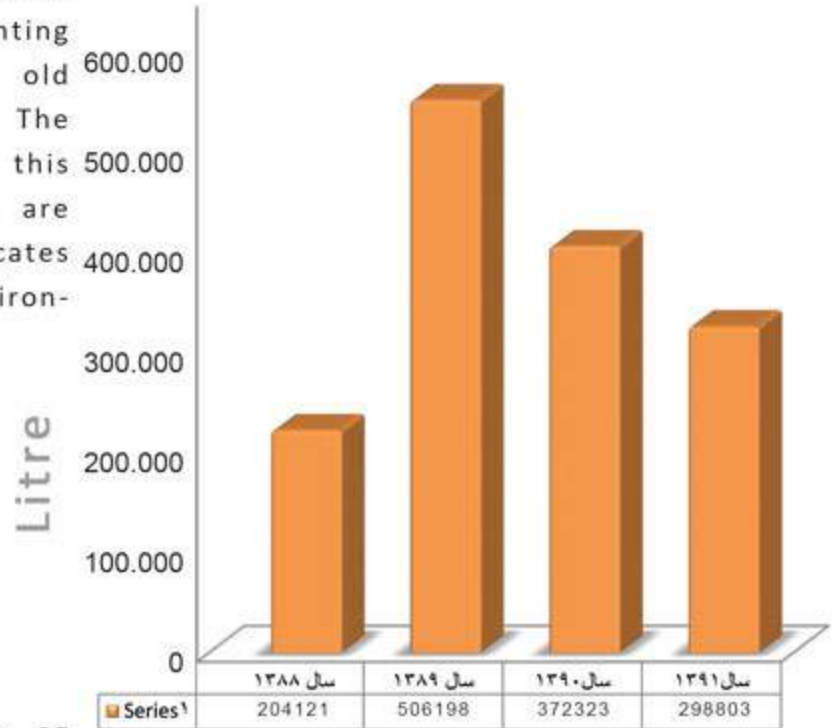
with poisonous ingredients(tin, lead) with those having the same efficiency lacking hazardous ingredients.



Environmental friendly products

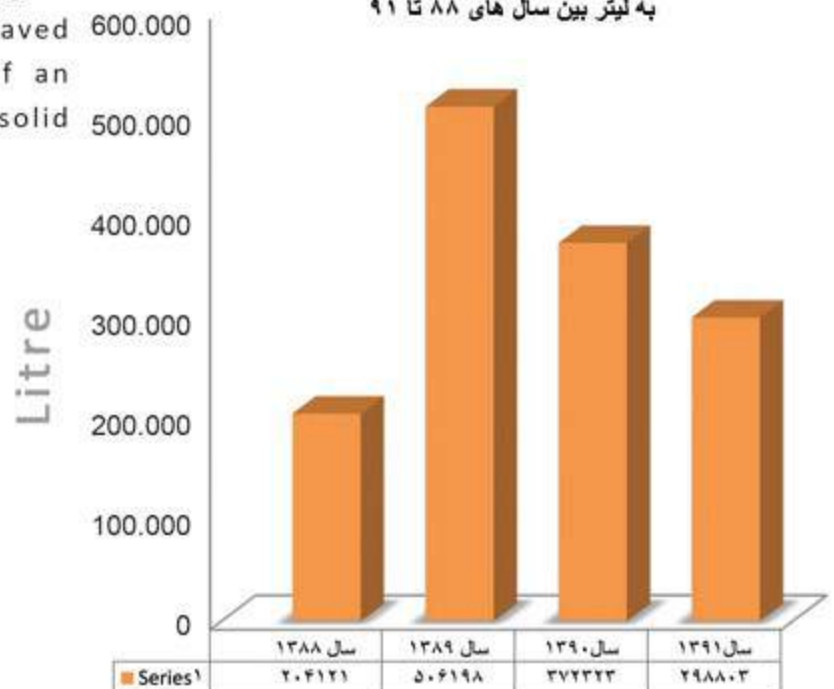
Bajak® has started to replace routine paints production with high solid paints as of 2009, to reduce the environmental pollutants resulting from the painting application. We have replaced the old epoxy paints with "Bajapox mastic". The volumes of solvent saved due to this replacement during the past years are shown below in a diagram that indicates the efficiency of this strategy for environment.

The amount of saved solvent in Bajapox mastic during 2009 to 2011



Bajak® has also produced Bajapox SF 73527 since 2005 which is solvent-free epoxy paint works as a replacement for common epoxy paints for pipe coatings. The below diagram shows the saved solvent due to the replacement of an Epoxy paint with 60% volume solid volume with this product.

حلال صرفه جویی شده در رنگ ۷۳۵۲۷
به لیتر بین سال های ۸۸ تا ۹۱



Technical services





Technical services

According to the experiments from the industrial projects in the painting and protective coating fields and based on good efficiency results and the lifetime of this kind of coatings, there is more than 50% of a paint system's efficiency depends on the quality of the proper surface preparation and the application method. As the products and industrial paints develop, the need for professional qualification grows, so the importance of a Technical service Department TSD in a paint company becomes outstanding. Many painting projects face serious damages due to failure to comply the technical essentials of each product annually. Apart from financial losses, sometimes there's a lot of starting over and delay in the operation. In some cases, where the problems reveal after the equipment is installed, the correction will be impossible. Bajak®'s TSD, as an independent department in our company, is the provider of professional technical services in the projects. This department has over 15 technical paint supervisors, with the international certificates such as FROSIO, B-GAS and NACE in supervision and quality controlling of surface preparation and paint application. TSD plays its role as an inspector in each project from north to south of Iran, abroad, and in every single place that Bajak®'s paints are used.

Among this department's advantages, the following can be mentioned:

- giving professional technical service's consultancy.
- giving before sales services to clients.
- giving after sales technical services to clients.
- Conducting trainings course in the company.
- Conducting training courses at the site of project.

Goals and service focus

It's important to know that in the business competition, there are some other distinguishable values rather than technology.

Values like:

- The skills
- Education and trainings
- Knowledge
- Experience
- Business Attitude and personnel behavior

TSD is honored to have well-trained and experienced staff, is doing its best to please the costumers as much as possible and improves the professional services provided. This dept. gives the followings to the costumers according to the latest knowledge and standards:

- Products and their properties.
- International technical standards.
- The procedures.
- Standards and methods of inspection.
- Application equipment of protective coating.





The role of TSD in the projects

We, in Bajak®'s TSD, assume our clients to be our business partners with common goals, and believe that the client's problem is undoubtedly our problem.

In this field, we care about some principles as:

- Project management.
- Taking the burden of "being obsessed with the project" off the client's shoulder.
- Avoiding the damages of delivery delays which are: lack of effective communication with the clients, lack of the proper scheduling or failure to provide the standard paint properties.

We, as technical inspectors, stick to these rules in order to eliminate every probable deficiency and reduce the risk of:

- Compliance of all the QC essentials.
- To complete the projects according to the best time table.
- Precisely control of the paint's consumption.
- Guarantee against corrosion for marine paints.
- Facilitating the application according to the project's technical specifications.
- Communicating with all team members for project's progress or probable deviation of scope.
- Giving advice about the corrective or preventive actions.
- Cost savings
- Making sure of quality of applied products.



Research & Development Dept.



The paint industry is changing like other industries. Target markets and clients are also growing and developing every day. So Our competitors, the other paint companies, are at this circumstance, Bajak® with all the history and reputation has no other choice but to plan for sustainable development.

We have to be always up to date to reach the long term goals.

Bajak®'s research and development policy

Responsible care and sustainable development.

Our effort in the R&D dept. is to move toward sustainable development through responsible care. One of those move's requirements, is to try to make our products more durable, which will automatically lead to decrease Bajak®'s environmental pollution.

R&D helps us to materialize our clients' requests and produce products consistent to their needs. We can claim that "we make tailor-made clothes for our clients".

True R&D helps us do our best to be up to date and not to confine the application of our knowledge. R&D helps us to be always innovative. Research and (sustainable) development makes us to produce our products as compatible as possible to the environment. It is obvious that the cost savings versus the amount of lesions is something to be evaluated here. As the science and technology plays its role in the world of industry, Bajak®'s R&D dept. constantly designs new products, makes industrial tests and then delivers them to the market.



R&D's side activity

On job training courses for keeping the technicians up to date

Bajak®, understands the importance to be up to date. So we regularly hire the best paint trainers and specialist to train our staff and technicians.

Cooperation with the scientific and research institutes in joint projects.

Bajak® usually cooperates in short-term and midterm projects with the paint and polymer professors and students of universities and academic centers in paint field. Bajak® also makes it possible for them to conduct their research and apply it in the R&D laboratories.

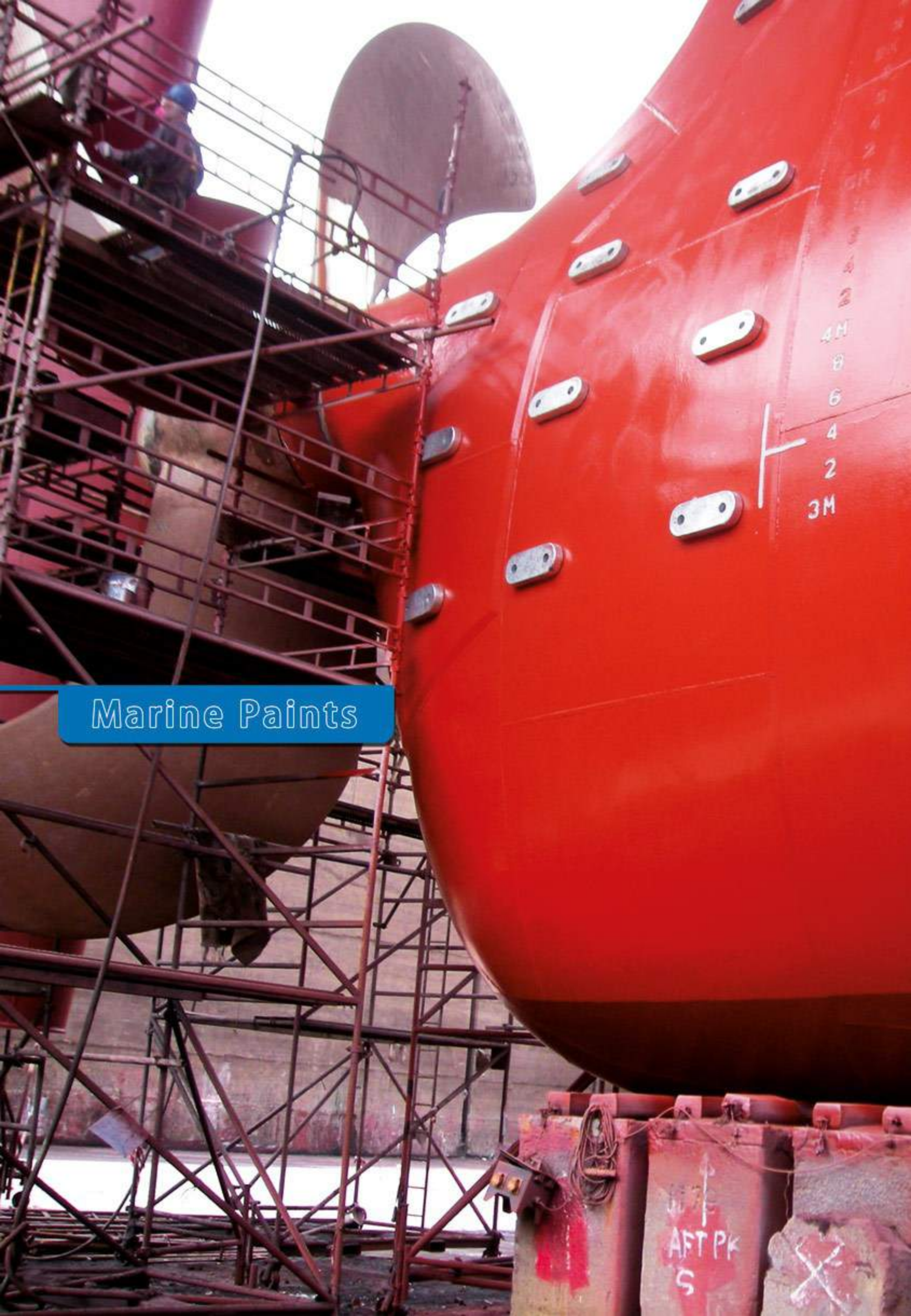
Training the related student and providing the apprenticeship possibility for them.

Bajak® welcomes paint, polymer and other related students of the prestigious universities as apprentice and temporary colleague in the R&D dept. The most talented of them will receive the opportunity to work at Bajak®.

Group visits of production and laboratories.

All the clients are warmly welcomed to visit the Bajak® factory and watch the production and research process.





Marine Paints

Marine Paints

Bajak® is one of the few marine paint producers in Iran. The marine paints are produced as per the latest global technology and IMO regulations. The vessel owners' requests for protection against corrosion in the harsh underwater corrosion circumstances, and prevention of fouling on the vessel's body which reduces the speed.

We apply know-how of the well-known multinational marine paints company along with our knowledge and experiences in this field. Hempel used to be our business partner for 7 years, so that the technical marine knowledge has been delivered to Bajak®. Then, Bajak® has commenced producing and distributing marine products of KCC and has become a member of KCC global network as of 2005.

Anti-fouling, fouling-releasing coating

Bajak® anti-fouling paints are all tin-free and environmental friendly and produce based on vessel speed and the services life time. The new technology is the fouling-release paints based on the silicone resins. In this kind of paints, no biocide or other chemical will enter the sea water. Due to their low surface tension, there is no chance for the fouling to stick to vessel body. Meanwhile, low surface tension will lead to less friction with water. Therefore, the ship speed will increase and fuel consumption will decrease.



Ballast tank coating

One of the sections of vessels that always bears serious corrosion situation, is ballast tanks, which are regularly filled with sea water. The routine coating for those tanks was Coal-tar epoxy paints in the past years.

IMO (International Marine Organization) has banned using those kinds of paints, because of the environmental damages and the hazards for paint applicators. Bajak®, being concerned about the environment, is one of the first marine companies to produce tar free paints for ballast tanks which have quality approval from the GL organization for applying inside the ballast tanks, as example "Bajapox 12526".



Shop primer

Since the shipbuilding process is normally long and operates beside the free waters in humid and sultry climate, which causes serious corrossions damages, the shop primer is applied on the steel plates to keep the steel plates in good conditions until final coating applications. This primer, despite its small

thickness, can prevent plates against rust. Furthermore, it won't make any problem for welding process. Some Bajak®'s shop primers have got the approval of the GL organizations, such as ZS 11161, ZS 11162, E 11222. All of them can be applied manually or automatically.



Silicone anti-fouling

In 2008, Bajak® along with KCC were assigned to provide the silicone anti fouling paints for "Iran-Harsin" VLCC tanker of NITC for the first time. The best advantages of silicone anti-fouling is the absence of toxic chemicals and eventually not polluting the sea water.

On the other hand, the siliconic anti-fouling releases fouling and therefore reduces water's friction. This would lead to energy saving. The paint system which used at boot top and vertical bottom indicate as follows:

The Paint layer	Unit	Thickness	product
Primer	Micron	2 x 125	Korepox EH 2350
The first silicon layer	Micron	100	LO-FRICK L300
The second silicon layer	Micron	100	LO-FRICK T200
Silicon anti fouling	Micron	100	LO-FRICK A/F100



Aframax project

Bajak® and the business partner KCC were assigned to provide paints for "Aframax" project during 2009 to 2013. "Aframax" was a project from Venezuela and included building 4 super tankers of 130.000 tons in the Sadra-Boushehr yard. Variety of industrial and marine paints plus shop primers were used in that project. This was the first experience of Iranian contractors in ocean tanker production and it was the biggest ship-building project in Iran, in term of paint used volumes.

All various stages of surface preparation, paint application, and shop primer, have been done under Bajak® professional experts' surveillance. They had gone through tough time in difficult situations to finish this project successfully.



Protective coatings



Protective coatings

Bajak® is one of the main protective coatings manufacturers in heavy industries in Iran, mainly because of the long term experiences in different industrial projects. Bajak® has also made to one of the biggest supplier in Iran thanks to the latest technology and knowledge of the famous international companies. Bajak® is in vendor list of well-reputed suppliers for private and governmental clients. Bajak® paint is classified as very high quality paint in all the industrial projects. Bajak® always delivers the orders in the shortest possible time and in exact "shade" as clients order according to RAL standard. This will help the contractors to speed up their schedule. Bajak®'s knowledge about Iran's climate and having all the different projects experiences, along with the variety of products, gives the experts at sales and technical dept. the chance to provide the paint system exactly as per customer's orders and compatible with the target's climate.

Our clients in this section are:

- Oil, gas and petrochemicals.
- Power plants.
- Mining and extracting.
- Chemicals.
- Water and sewage.



South Pars gas field development project



Bajak® is the main supplier of the paints in all phases of gas refineries at south pars gas field development project, Assaluyeh. Applied paints included protective coating for the structures, piping, tanks and industrial buildings. The applied paints for the outside surface of tanks, structures and the main part of piping's are as followed:

- 1-Zinc Ethyl silicate primer: Bajak® Zincsil , 65 microns
- 2-Epoxy sealer, Bajapox mastic MIO, 30 microns
- 3-Midcoat epoxy paint, Bajapox mastic, Bajapox hi-build , 2*100 microns

4-Polyurethane topcoat, Bajathane, 50 microns

-For the pipe line which are heat-resistant or non-heat resistant, various system are used such as : phenolic epoxy, Bajapox phenolic , or acrylic silicone, Bajak® silicone and Bajak®'s silicone aluminum .

-For the condensate tanks' internal bottom, Epoxy glass flake, Bajapox GF 73726 , are applied , with the approvals from the Dutch COT institute as per Norsok M-501.

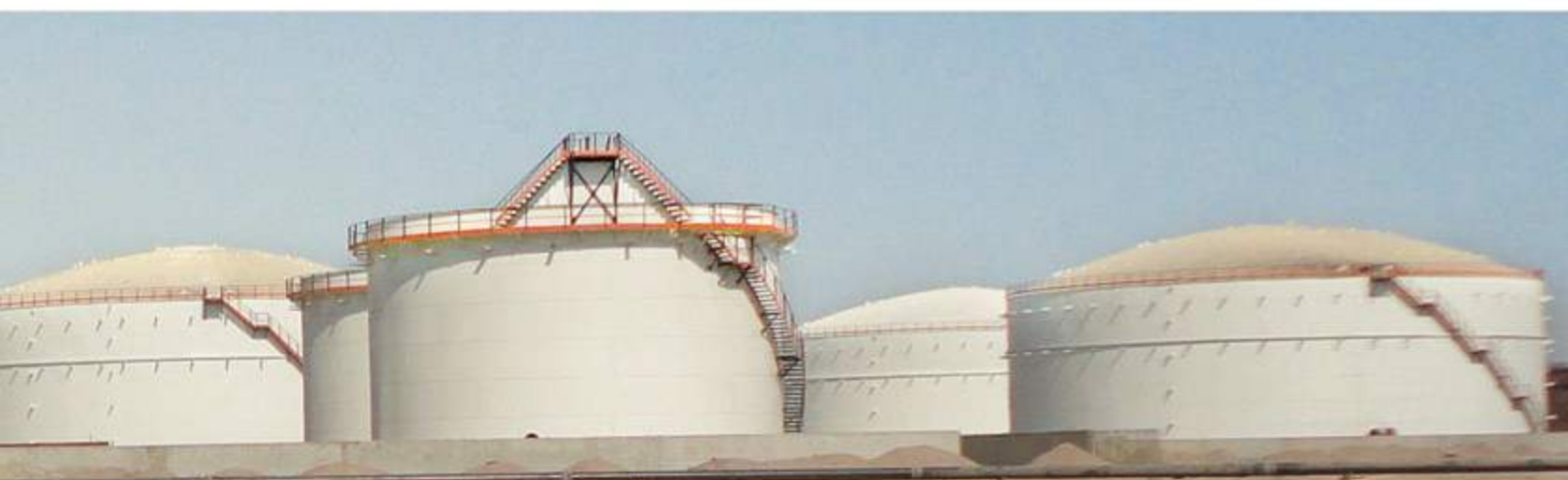


Persian Gulf Star (Setareye Khalij e Fars) refinery

Bajak® was in charge of providing the storage tanks' paints for Persian Gulf Star refinery, in Bandar-Abbas which was conducted by the Steam-Radira (joint venture) during 2010-2012.

The project included about 26 fixed and floating roof tanks, which were designed for products such as MTBE, ISO Merate , S.R Naphta , gasoil. The paint system applied for outside tank surface was : Zinc rich Epoxy primer (Bajapox zinc , 75 microns), Polyamid epoxy paint (Bajapox hi-build , 150 microns) , (Bajathane top coat , 50 microns).

For the internal tank surfaces, the phenolic epoxy paint, Bajapox phenolic was applied with 3 layers, each 150 microns.



A large roll of blue-coated metal coil is shown, with a red text box overlaid on the center. The coil is unrolled, showing the texture of the metal and the blue coating. The background is dark, and the lighting highlights the metallic sheen and the blue color of the coating. The text "Coil coating" is written in white on the red box.

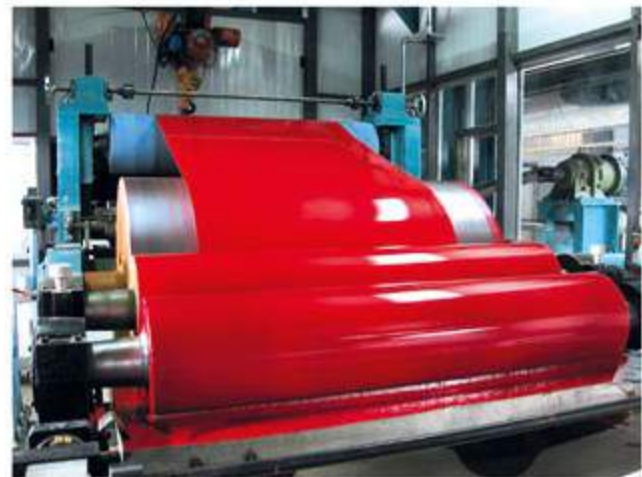
Coil coating

Coil coating

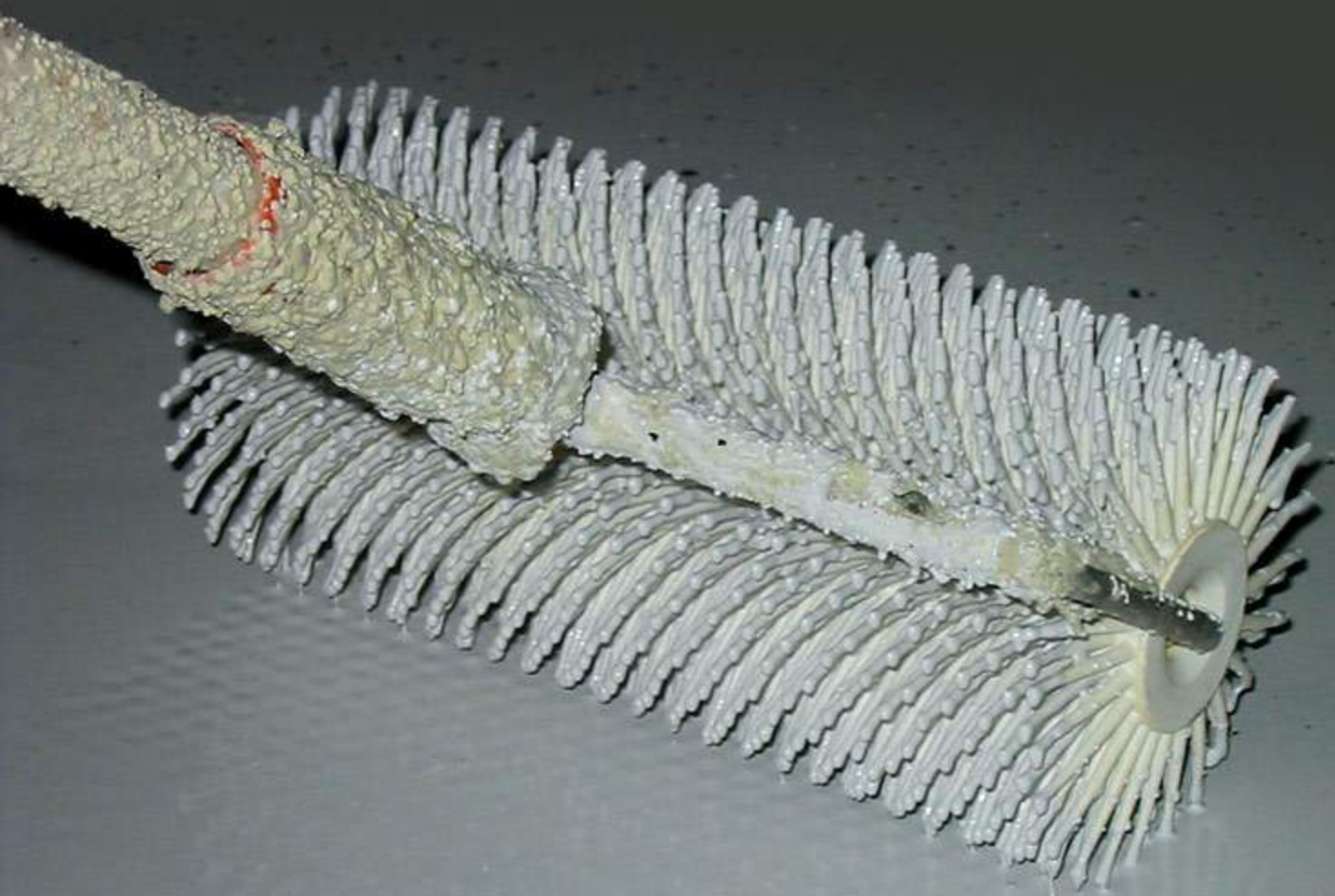
The coils are being important in various industries for the past couple of decades. The physical-mechanical properties of these coils, weather aluminum or galvanized, give the possibility to first paint the coils and then use them in the industries as coils or sheets. These sheets can tolerate the mechanical deformations such as cutting, bending, stretching, and in all those steps, they keep their adhesion to the substrate. More over these coatings have the proper resistance in different climates (sultry, desert, and urban) and are the best for those structures that are exposed to the sun. These coatings are applied with the rolling method and usually are applied on the plates in 3 layers: primer, top coat and back coat. The application using the rolling method has almost zero amount of waste, which is a huge step in reducing environmental pollution.

The sheet will continuously pass degreasing, chromatizing (or phosphatizing) , drying process and then the primer and the back coat be applied on that, and after a while, the top coat will be applied over primer and it goes into the oven again. All of the aforesaid process will be done in just a couple of minutes.

Bajak®Co. has started to produce polyester coil coatings in cooperation with the technical knowledge of its own and technical partners since 2007. Considering the welcoming of the market and the company's policy to offer the world latest products, Bajak® has commenced to design and produce the basic coil coatings based on PVDF and FEVE which have the high climate resistance and the effective lifetime of over 15 years. These products are distributed under the trade name of "bajacoil" in various shades according to the clients' requests (metallic, gloss and semi-gloss).



Floor Coatings



Floor Coatings

As of year 2000 Bajak® Paint Company has kicked off its new point of view with the purpose of production different types of industrial floor coatings of anti-abrasive type, chemical resistant and anti-static types. These coatings are epoxy or polyurethane based, which may be implemented on metal and concrete surfaces on a variety of smooth and polished and/or non-slippery types, and after complete curing, such coatings shall enjoy quite excellent abrasive, compression and chemical strengths.

These coatings are applied for coating concrete surfaces, parking lots, pharmaceuticals, health products, and cosmetics factories, chemicals and foodstuffs warehouses, laboratories, home appliances industries, healthy slaughterhouses, neutralization tanks, clean rooms (dust free zones), surfaces exposed to pour abrasive materials and static electricity.

From among the other coatings of such type, the following outstanding properties may be mentioned:

1. High anti-abrasion resistant
2. High mechanical, striking and compressing resistant
3. Resistant against chemicals (acids-alkaline substances)
4. Washable using water and detergents.
5. Implementation on smooth and non-slippery states
6. Integrated and seamless coating
7. Easy renovation ability

Ability to line on the coating to specify the margin and the locations for pedestrians and lift truck





Pipe Coating

Special Pipe Coatings

All the steel pipes which transmit water, gas, crude oil and other oil and petrochemical products, are required to be coated with certain coatings to lengthen the lifetime service, protection against corrosion as well as increasing the fluid performance through decreasing pipe body friction.

Pipe special coatings are classified into two interior and exterior coatings groups. Regarding exterior coatings, proper painting systems are recommended considering the place of establishment (above ground or buried).

Relying on its know-how and R&D Department, Bajak® Company seriously entered into this highly specialized market as of year 2003 and within a short while, became as the first and most important supplier of these products in Iran.

Enjoying proper technical services and application compatibility with conditions

of Iranian pipe coaters factories caused that the customers replace the international competitors' products by Bajak® products.

On the other hand, obtaining technical approvals from the reliable centers as per the latest global standards, motivated the clients of such projects, water, Ministry of Energy, NIGC, NIOC, to authorities include this company in their list of approved vendors.

Mentioned products and relevant standards include the following:

Type and application of product	Bajak® product code	Standard name	Accrediting institute
Solvent-free epoxy coating for inside potable water steel pipes	BAJAPOX 73527	AWWA C 210 B56920	Sharif University of Technology Energy Research Center
Polyamide epoxy paint for inside potable water steel pipes	BAJAPOX 45200	AWWA C 210 B56920	Sharif University of Technology Energy Research Center
Polyamine epoxy paint for potable water steel tanks	BAHAPOX 85671	AWWA C 210 B56920	Energy Research Center
Solvent-free polyurethane epoxy coating for outside of buried steel pipes	BAJATHANE 73555	EN 10390 IGS TP-020 AWWA C222	Sharif University of Technology Oil Industry Research Center
High solid polyurethane epoxy coating for outside of buried steel pipes	BAJATHANE 73556	AWWA C222	Sharif University of Technology
Paint for inside of gas transmission steel pipes (flow coat)	BAJAPOX 73522	API5-L2	





Water transmission project from Dousti Dam to Mashhad city

One of the biggest water transmission projects in Iran is the buried steel 80" pipeline from Iran and Turkmenistan border to Mashhad. Although the primer of internal pipe coating system was concrete, but considering the epoxy coating advantages, after fulfillment of the first part, indicated system was replaced by epoxy as per AWWA C 210 standard and international tender was held in order to supply the paint of the project. Considering the qualitative approvals of Bajapox SF 73527 paint, as well as reasonable price and Bajak® value added services, Bajak® Company was assigned the task of supplying paint for 150Km of the aforementioned pipeline project.

Considering the project volume, the contractor company decided to construct a new rolling and manufacturing spiral pipes factory at site the project. Bajak®'s specialists have had active continuous presence since the time of installation and commissioning the coating line up to paint application, sending the pipes to the project, paint preparation and application were completed under the stringent quality control tests. Considering the climatic conditions, especially cold weather in winter, the required changes were made into the paint formulation to prevent any interruption in manufacturing speed. This product has also been used and successfully applied for pipes welding seam after installation manually. According to the completed studies thereof, the coating quality was inspected after five years and no damages and problems were observed in the applied coating.



Poly urea coating

Polyurea Coating

As the industrial technology and consequently the paint industry rapidly grow, Bajak always walks at edge of technology and producing professional paints and coatings as one of its main goals.

Furthermore considering the importance of using environmental friendly products, this company keeps the priority of producing the products with the minimum pollution.

One of the latest technologies in the world is Polyurea coating, and Bajak has started to produce it using the know-how of Huntsman since 2009.

This product has the trade name of BAJAUREA. Polyurea is a tough elastomeric solvent-free coating.

Properties:

- Ultra fast drying speed
- Ability to apply at low temperature to -20°C
- Ability to apply on wet substrates
- Wide service temperature range -20 to $+120^{\circ}\text{C}$
- Ability to apply on concrete, metal and polyurethane foam
- Ability to apply Seamless (quite integrated)
- Compatible with the form of structure (having the possibility of application on hard to reach places and blind spots)
- Applicable on uneven, corner of installed auxiliaries from the roof (such as AC Channels, gas and water pipes)

Usage:

- Concrete sewage channel
- Coating on installing foam (Polyurethane foam) as vapor barrier
- Water-proofing membrane for concrete surfaces
- Replacement for Geo Membrane in artificial lakes
- Water-proofing and root-barrier in the Roof Garden system
- Coating for surfaces that bear high abrasion
- Industrial floor coating
- Chemical units protections

Milad Tower Project



In 2005, for the purpose of water-proofing of the roof of lobby, terrace and parking roof of Milad Tower (4th highest tele-communication tower of the world), after long and thorough research, the client and consultant of the project have chosen Polyurea coating. Considering the complexity of the structure and the fact that there were numerous holes on the surface during the operations, and the substrate was a combination of concrete, Polyurethane foam (insulating layer) and galvanized sheets, and on the other hand a long lifetime was expected from this water-proofing system, the only choice was spraying coating that gives the ability to apply in the corners and also has the proper adhesion to the substrates.

And Polyurea coating consist all the afore-said properties.

The project contractor, Yademan Sazeh Co, chose Bajak among the foreign and domestic Poly urea vendors.

More than 8000 sq.m of various surfaces were coated during the project. Although the weather was cold due to the seasonal changes, the spectacular specifications of Polyurea (BAJAUREA 73550) helped the contractor to continuously conduct the painting operation outdoor even in the 300 meter altitude.



Powder coating

Powder Coatings

Two major technologies compose the industrial paints and coatings industry as per the following:

1. Liquid paints (with or without solvent). Liquid paints, which has been established since 200 years ago.
2. Powder coatings technology which has less than 40 years of experience in the industrial level.

Advantages of powder paint in comparison to the liquid paint have caused that a major part of the industries, especially the light industries focus on this type of paints.



Powder paints are classified into two general groups of thermo-plast and thermo-set. Although thermo-plast paints entered into the market earlier, but due to the considerable advantages of thermo-set powder coatings, now thermo-plast coatings are applied for limited number of consumptions.

The following may be mentioned among the advantages of powder paints:

1. Decreasing the paint wastes upon implementation
2. Smoothness of thickness and quality of coating
3. Serious decreasing environmental pollution
4. Considerably better physical-mechanical features

Meanwhile, like liquid paints, thermo-set powder coatings have a high variety in type of resin which enables provision of expected features and properties of different applications to this type of products.

For instance, the following may be mentioned:

- Polyester (TGIC)
- Polyester- epoxy (hybrid)
- Polyurethane
- Epoxy

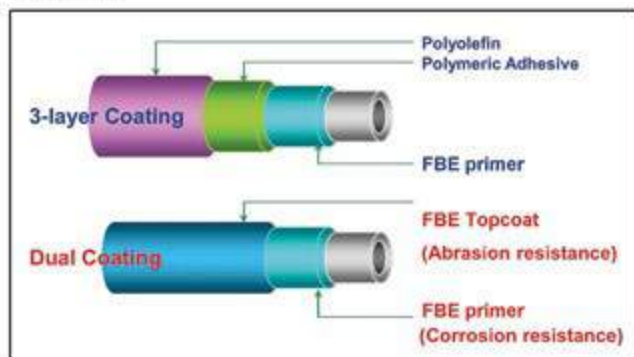
Along its general policy on the production of state-of-the-art products and technologies, Bajak® Company commissioned electrostatic powder paints production line as of year 2005, and became as an independent factory as of year 2007 due to the welcoming of the clients.

For the time being, various types of protective and decorative paints of polyester and polyester- epoxy types are produced by this company. Emphasizing on the importance of quality and harmonization of the product has introduced Bajak® to be as the first choice of the professional clients in the market.

Among the indicative products of the company include metallic paints with metal -bonding technology. This technology provides the clients with the option to recycle the powder after primary spray and highly decreases the wastes, simultaneously with increasing the paint surface appearance and beauty.

FBE (fusion bonded epoxy) is one of the latest global technologies in the field of powder paints, which is especially and extensively used in pipe manufacturing and steel round bars special coatings.

As of year 2013, and under license of KCC Company, this company offered this type of product for the first time in Iran under the Karumel trade name, which has been approved by most of the steel pipe factories and oil, gas and water industries clients.





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