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THERMOSET POWDER COATING



Carefully
selected
particles

since 1969...

www.bpc.com.tr



STRONG

OUR MISSION

Is to continuously provide the highest level of quality products and services that satisfy the needs of our customers.

We're committed to achieve consistent and long-term growth of our business in this field, powder coating.



AND DYNAMIC

Thermoset Powder Coating is our business

Our business is to supply interior and exterior powder coatings to our customers in order to meet the requirements of the best protection and better looking for the surfaces in the best possible way.



For more than 45 years, we have been in coating sector as marketing and manufacturing company. During this period our trained team gained the deep experience on the powder coating by closely following the developments in the sector. Our aim is to produce qualitative products with its professional team for our customers. This is why our facility is equipped to meet all turn around requirements and requests. A highly skilled, and experienced staff with the latest technical equipments allow us the flexibility and capacity to offer intelligent and innovative solutions for the industry.

With a well structured service and sales team, we are able to ensure quality products and services for our customers whenever they need. Today, we continues to serve our customers directly for the many cities in the country.

We as BOYASAN family continue to share our creativity, and passion with you to contribute to your success.

"With our knowledge, experience and customer needs to intelligent and innovative solutions"

STABILITY

45 years of coating for protection and decoration

BOYASAN located in Kayseri was founded as a marketing company in **1969** and sales of industrial paints actively started in **1975**.



In **1995**, we took our place on the marketing of electrostatic powder coating as distribütör.

In **2004**, electrostatic powder coating production started in the total area of 5000 square meters located in Kayseri Organized Industrial Zone. In **2005**, our brand name BPC was licensed to Boyasan. In **2006**, we started to export our product. And now our export activities are developing rapidly in Russia, Ukraine, Tunisia, Algeria, and has been exporting to many countries, especially in Iran. In **2007** We get both ISO and Qualicoat quality certificates.



By the years **2011** and **2012**, with the new lines, our production capacity has increased to 8000 tons. By the year **2015**, our logo is designed specifically to our company's 45th year.

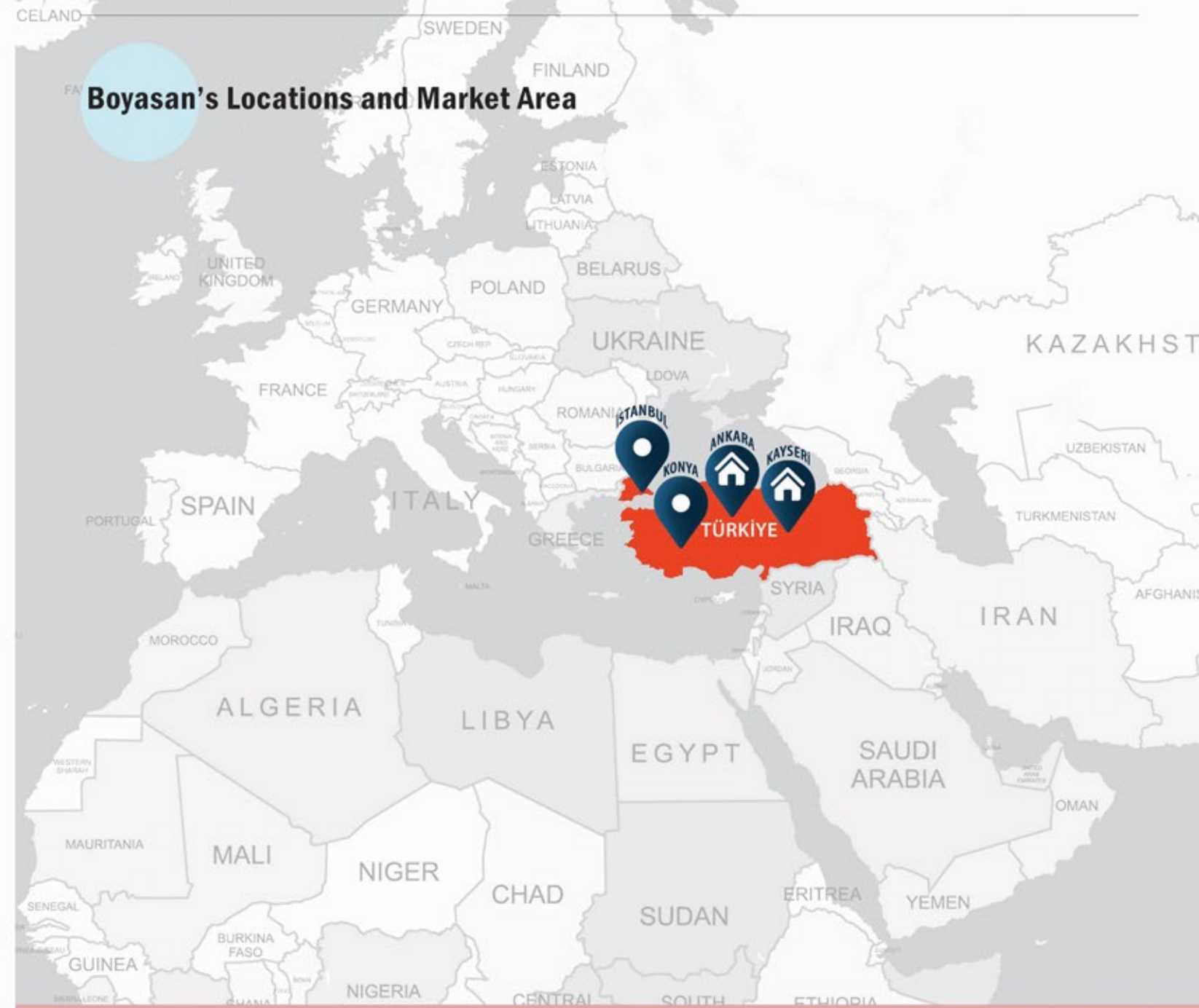
A wide range of products

BPCOAT Product Series

(Pure Epoxy, Epoxy-Polyester, Polyester-TGIC, Polyester-PRIMID, Polyurethane), Heat Transfer Printing, Anti-graffiti, Antimicrobial, Low Temperature Curing, High Scratch Resistance, Heat Resistance, Conductive Powder Coating, Bonded Metallic, Special Effects (wood, crocodile, snake...)

GROWTH

Boyasan's Locations and Market Area



BUSINESS

Making and supplying powder coating

Locations:

Production unit in **Kayseri/TÜRKİYE**

Sales units in **Kayseri, Konya, Ankara, İstanbul**

Distributors in **the South Africa, EU, Middle East markets**

Logistic Center in **Kayseri, Ankara**

INNOVATIVE SOLUTION

Powder Coatings Product Line

BPC powder coating technology produces appropriate solutions to customer needs. To meet our customers' needs, we are experienced to produce wide range of TYPES based on various finishes and gloss.

Types of finishing;

- Smooth
- Texture
- Wrinkle
- Clear
- Fluorescent
- Pearlescent
- Special Effects
- Wood Effects
- Custom Colors
- Hammer Tone

Grades of gloss;

- Glossy
- Semi glossy
- Semi matte
- Matte
- Dull matte

Key markets;

- Architectural
- Automotive
- Agriculture and construction equipments
- Aluminium profile
- Furniture
- Steel door
- Metal house equipments
- Shelf cupboard
- Panel Radiator
- Water Valve

BPCOAT Series

BPCOAT-EX

Series
(Pure Epoxy)

BPCOAT-EX Series yield excellent chemical resistance (acid, alkali and salt solvents), corrosion resistance, good mechanical properties, flexibility, high level of adhesion, and resistance to abrasion. This group will chalk with exposure to sunlight. So this series is recommended for interior applications.

Application Areas;

Electrical components for insulation, armatures, Hospital/medical equipments, Laboratory Furnitures, Machine Components.

BPCOAT-EP

Series
(Hybrid, Epoxy-Polyester)

BPCOAT-EP Series are epoxy powders with blend of polyester resins used for indoor applications. This series is similar to epoxies with improved resistance to yellowing in sunlight and weatherability. But unfortunately it still will chalk on exposure to sunlight.

Application Areas;

Office and school furniture, steel door, shelf cupboard, and electrical components.



BPCOAT-PE

Series
(Polyester-TGIC)

BPCOAT-PE Series offer similar mechanical properties to epoxy and epoxy / polyester hybrid systems, however, this series offer resistant to chalking, UV light, weatherability. This series is recommended for both interior and exterior applications.

Application Areas;

Aluminium profile, garden and park furniture, steel door, exterior lighting equipment, traffic signs, Automotive accessories and Agricultural machinery.

BPCOAT-TF

Series
(Primid Polyester with TGIC Free)

BPCOAT-TF Series offer similar mechanical properties to polyester with TGIC system but have some distinct advantages and disadvantages. Advantages are higher transfer efficiency, excellent storage stability, better flow of surface. The only disadvantage of this system is film thickness but this problem is solved considerably by improved formulations. The most important feature of this group is not contain heavy metals and toxic substances harmful to the human health.

Application Areas;

Aluminium profile, garden and park furniture, Automotive accessories and Agricultural machinery.

BPCOAT-PU

Series
(Polyurethane)

BPCOAT-PU Series are resistant to chalking, UV light with an excellent exterior durability, and long-term resistance to humidity and corrosion for applications in all types of environments. Polyurethane powder coating is recommended for use when lower film builds, smooth and even finish with superior flow are particularly important.

Application Areas;

Aluminium profile, exterior lighting equipment, Radiators&Heaters, air conditioners, traffic signs ve outdoor furniture.

Special Products

BPCOAT-WE

Series
(Wood Effect)

BPCOAT-WE Series matches natural wood effect with variation in colour and texture pattern. It provide good weather resistance and colour stability and is recommended for both interior and exterior applications.

Application Areas;

Garden and park furniture, steel door, windows, kitchen cupboards and all kinds of architectural & interior designs.

BPCOAT-HTP

Series
(Heat Transfer Printting)

BPCOAT-HTP Series are polyurethane based powder coating used for the sublimation printing process. Through this sublimation process, different models and such as woodgrain, marble, granite, and other patterns can be transferred on substrate surfaces. This series is available in a variety of color, gloss, finishes and shapes.

Application Areas;

Aluminium profile, Furniture, Automotive accessories, window frames and doors.

BPCOAT-SF

Series
(Soft Feeling)

BPCOAT-SF Series are thermoset powder coatings that provide soft feeling that are ideal for surfaces needing that special touch. Soft-feel coatings have tactile properties, are mainly matte, and both look and feel similar to leather or velvet. These coatings are offering superior weathering and chemical resistance.

Application Areas;

Furniture, window frames, electronics, home appliances and any product needing that special touch.

BPCOAT-SR

Series
(Scratch Resistance)

BPCOAT-SR Series called "Scratch Resistance" is greatly improved mar and scratch resistance in a broad range of industrial applications. Scratch resistance depends on color, finish and formulation which is supported with a suitable application and curing the powder coating properly.

This group can be produced in a wide range of colors with smooth and/or wrinkle pattern and are formulated to provide excellent scratch resistance.

Application Areas;

This series can be used on surfaces subjected to stresses by metal friction and abrasive tools as like; Indoor and outdoor furniture, Steel doors, Automotive accessories, Lighting equipment, Shelf cupboard, Garden and park furniture.

BPCOAT-CC

Series
(Conductive Powder Coating)

BPCOAT-CC Series are thermoset powder coatings that can be used where sensitive electronic equipment must be protected from electrostatic discharge. The conductive coating will dissipate static charge occurring onto the surface. This will protect electronic components much more safe during usage.

Application Areas;

Electronic enclosures and cabinets, computer workstations, work benches and shelving.



BPCOAT-ST

Series
(Antimicrobial Powder Coating)

BPCOAT-ST Antimicrobial Powder Coating with silver ionic technology inhibits the growth of microscopic organisms that can lead to the creation of foul odors, discoloration and the formation of bio-film on powder-coated surfaces.

An antimicrobial powder coating kills and prevents the growth of bacteria plus other microscopic organisms such as yeast, fungi, viruses, and some algae as well.

Application Areas;

Hospitals, medical and laboratory testing equipment, Restaurants , Parks & playgrounds, Public transportation , Offices , Schools, Home appliances (refrigerator..), Towel hangers, doors, escalators, elevators, ventilation , Air treatment systems.

BPCOAT-CR

Series
(Crocodile Effect)

BPCOAT-CR Series is a thermosetting powder coatings based on polyurethane resins. The coating provides a wide range of performance properties with excellent resistance to impact, abrasion and It also has high UV and chemical resistance. This series can be used for interior and exterior applications.

Our product can consistently create a perfect crocodile skin which is one of the latest trends and effects in decorative and protective Powder Coatings.

Application Areas;

Household electrical appliance, steel door, shelf cupboard, metal furniture, window frame etc.

BPCOAT-LTC

Series
(Low Temperature Curing)

BPCOAT-LTC Series are low curing powder coatings that include epoxy, hybrid, polyester (TGIC) with a range of gloss options and special finishes. Low temperature curing powder coatings are used for the reduction in energy consumption, and increase in productivity.

With the new technology, this series offer diffirent choices of curing at different temperatures from 130 to 160°C and curing times ranging from 7-15 minutes with a good quality finish with much less orange-peel effect and pinhole. Convection curing ovens are normally used to cure these coatings.

Application Areas;

Suitable for interior and exterior applications.

BPCOAT-OG

Series
(Out-Gassing)

BPCOAT-OG Series are formulated for critical substrates especially for application to casting aluminum and galvanizing-steel substrates. The pinholing on such coated substrates has been identified as the most serious problem associated with coating integrity. Since, it reduce its long term durability, particularly in aggressive (marine) environments.

Application Areas;

Aluminum profiles and sheets, Galvanized steel, Hot-dip galvanized workpieces, Cast parts.

BPCOAT-BM

Series
(Bonded Metallic)

BPCOAT-BM Series are decorative protective finishes for metal finishing and entirely manufactured by bonding process that imparts advanced quality and a high degree of color consistency during the application process. With BPCOAT-BM Series and our new bonding system, chrome effects, silvers and gold effects with increased amount of metallic pigment and copper-silver-gold hammertone effects can be produced.

Application Areas;

Aluminium profile, Automotive accessories, Indoor and outdoor furniture, Lighting equipment, Shelf cupboard, Garden and park furniture, Office and school furniture

BPCOAT-AG

Series
(Anti Graffiti)

BPCOAT-AG Series are thermosetting polyurethane based powder coating used for protection of surfaces against graffiti and vandals.

This series can be used for the reduction of maintenance costs that result from graffiti by easily cleaning of most kind of graffiti. Thereby, we ensure the appearance of powder coated surfaces are maintained even after numerous cleaning cycles.

Application Areas;

Transportation components(train,bus and stops), Phone Boxes, Panels, Asvertising boards, Road sign panels, Whiteboards, Playground equipment

QUALITY-RELIABILITY

Our Quality Policy



Quality and the standart is important to us and so the coating is controlled in our laboratory by applying all the necessary tests by technical engineers working in our quality control department;



- ✓ Reactivity
- ✓ Particle size distribution
- ✓ Gloss
- ✓ Coating Thickness
- ✓ Cross-cut test (adhesion)
- ✓ Cupping Test
- ✓ Flexibility
- ✓ Impact
- ✓ Buchholz Hardness
- ✓ Salt spray test
- ✓ Accelerated UV test

Certificates of Quality



- Qualicoat Certificate of Quality
- RoHS Restriction of the use of certain hazardous substances
- ISO 9001:2008 certificate of quality
- OHSAS ISO 18001:2007 certification
- ISO 14001:2004 (EMS)

Qualicoat certificate is available for our PE coatings for architectural applications on aluminium surfaces.

RoHS Restriction of the use of certain hazardous substances is also available for our products.

Quality control and quality assurance in Boyasan's internal procedures are regulated by **Quality System ISO 9001:2008**.

We have also the **OHSAS ISO 18001:2007 certification** for Occupational Health and Safety Management System (OHSMS) which is important for reducing the risk of unexpected injuries which protects both workers and its workforce.

Boyasan is under process to improve its Environmental Management System (EMS) by meeting the requirements of **ISO 14001:2004** to improve the environmental protection by reducing waste.



For Environmentally Friendly Products



Protect Human Health & The Environment

There is significant increase in the use of powder coating technology due to the increasing concerns over human health and environment pollution associated with the use of volatile organic solvents. The most advantages of powder coating that any Industry benefits from; improved appearance, exceptional surface toughness, scratch-resistant, high quality, and long lasting. We as BPC Powder Coating are trying to make our powder coating products more environmentally friendly and carrying out R & D work for development new solutions as like;

- Improving the overall energy efficiency
- Minimizing application problems with the good quality powder coats to increase productivity
- Improving transfer efficiency to make reclaim(waste) to decrease
- Completely remove the amount of heavy-metals from powder coat
- Improving appearance, colour and shades of Lead-free products

VOCs

BPC Powder Coatings Products does not contain any solvents, and therefore no Volatile Organic Compounds (VOCs) are released to the air.

Heavy-Metals

BPC Powder Coatings Products are lead-free and does not contain toxic compounds.

Reduced health hazard for operators during application

As powders do not contain solvent there is a significantly reduction in nose and throat irritation. The powder can be removed from the skin easily by washing with warm water.

No air pollution

Powder coat is recoverable and no any powder escape into the atmosphere.

Reduction in the fire risk as no solvent required

As no solvent is required with powders, there is a reduction in fire risk which gives cost savings on statutory safety features in application area.

Save Energy

Recycle

Powder coating can be recycled and thus approximately 95% of the powder coating can be recovered and reused.

Ready to use

Powder Coating are ready for use. They do not have to be mixed with any other ingredients such as solvents. This shorten the application time.

Easy to use

Less operator training is necessary.

Reduced energy requirements for heating oven

Technology development on low temperature and high speed curing will significantly decrease energy consumption.

Reduced energy and processing time requirements

Powder Coating does not contain any solvents volatile. No need to spend extra energy and extra time required to evaporate solvent from the oven.

Reduced cost of packaging

Greatly improved mar and scratch resistance damage from impact, rubbing or abrasion leads to reduce costs for packaging during transportation.



WE AIM TO PROVIDE OUR
CUSTOMERS WITH A COMPLETE
SERVICE FROM R&D AND HIGH
QUALITY MANUFACTURING TO
SUPPORT AND TECHNICAL
SERVICE.



We are able to serve our customers directly for the many cities in the country as like Kayseri, Ankara, Konya, and İstanbul. And also we has been exporting our products to many countries especially in the South Africa, EU, Middle East markets.

Connect with us.