

SYSTEMS THAT GIVE LIFE TO THE GROUND

EPOXY, POLYURETHANE & ACRYLIC HYBRID
SURFACE PROTECTION SYSTEMS

BRV[®]

EPOXY & POLYURETHANE
SYSTEMS



POWER CONCRETE ASPHALT PAINT 3K[®]

ASPHALT PAINT 2K[®]

ASPHALT PAINT 1K[®]

3-COMPONENT WATER-BASED EPOXY •

2-COMPONENT ACRYLIC •

SINGLE-COMPONENT ACRYLIC •

BICYCLE LANE & ASPHALT PAINTS



BICYCLE
LANES



WALKING
PATHS



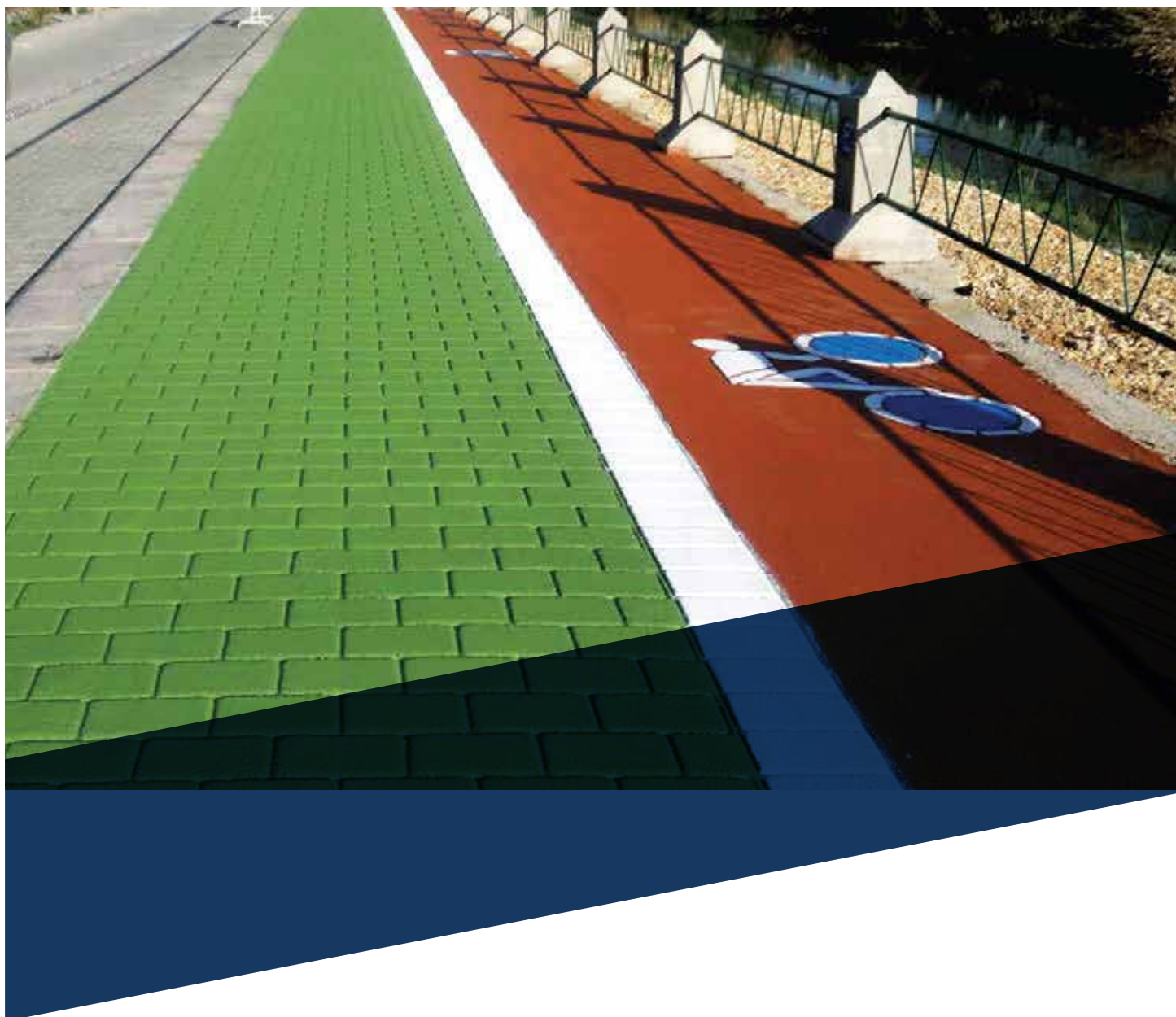
SPORTS
AREAS



PARKING
LOTS



PARKS &
GARDENS



POWER CONCRETE ASPHALT PAINT 3K®
ASPHALT PAINT 2K®
ASPHALT PAINT 1K®
BICYCLE LANE & ASPHALT PAINTS

ECONOMICAL / HEALTHY
DURABLE / AESTHETIC

Our company manufactures bicycle lane and asphalt paints in compliance with TS EN 1504-2 and TS 13415 standards. These products are environmentally friendly and safe for human health, as they do not release harmful (VOC) components during application. Their bright and decorative colors increase visibility for both vehicle and bicycle users, helping to reduce the risk of accidents.

Thanks to their special formulation, our paints are resistant to chemicals and have high mechanical strength. They enhance the abrasion resistance of asphalt surfaces under both cold and hot climate conditions, maintaining long-lasting performance.

The paints contain UV-resistant pigments, ensuring that their decorative appearance and color intensity are preserved over time without the need for repeated application, providing long-lasting durability in a single application.

By adding color to bicycle lanes and asphalt surfaces, our products help create more vibrant, durable, and enjoyable urban environments, moving away from dull and monotonous asphalt surfaces while supporting sustainable and long-lasting living spaces.

POWER CONCRETE ASPHALT PAINT 3K®
ASPHALT PAINT 2K®
ASPHALT PAINT 1K®
BICYCLE LANE & ASPHALT PAINTS

BRV®

ECONOMICAL

Our bicycle lane and asphalt paints feature a special formulation that is resistant to chemicals and has high mechanical strength. They enhance the abrasion resistance of asphalt surfaces even under cold and hot climate conditions, providing long-lasting durability. Their easy and practical application allows surfaces to be opened to pedestrian and vehicle traffic within 6-8 hours on the same day, offering significant time and cost advantages.

HEALTHY

Being water-based, our products prevent the release of harmful VOC components during application compared to solvent-based coatings, making them environmentally friendly and safe for human health. Their bright decorative colors increase visibility for vehicles and cyclists, helping to reduce the risk of accidents.

DURABLE

Our paints are highly resistant to chemicals and mechanical wear, ensuring that bicycle lanes and asphalt surfaces maintain their long-term durability even in extreme weather conditions. The inclusion of UV-resistant pigments preserves the decorative appearance and color intensity over time, eliminating the need for repeated applications.

AESTHETIC&HARMONIOUS

Our bicycle lane and asphalt paints can be applied in any desired color, moving away from dull and monotonous asphalt surfaces. They help create vibrant, active, and long-lasting urban environments, making asphalt surfaces more livable and visually appealing.





POWER CONCRETE ASPHALT PAINT 3K

WATER-BASED EPOXY ASPHALT PAINT



PRODUCT DESCRIPTION

Three-component, mineral-filled, water-based, UV-resistant epoxy paint for concrete and asphalt surfaces.

APPLICATION AREAS

It is used for protective coating and painting of all types of asphalt and concrete surfaces, for creating safety road corridors, marking bicycle and pedestrian paths, coating parking areas for public transport vehicles, and for protective and decorative coating of concrete and asphalt surfaces in gardens and children's playgrounds.

PRODUCT FEATURES

Type:	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color:	RAL Colors
Appearance:	Semi-Matte
Thinner:	Water
Solid Content by Weight, %:	70
Density:	1.50 g/cm ³
Consumption:	0.600–0.700 kg/m ²
Packaging:	19 kg Component A + 1 kg Component B + 1 kg Component C + Colorant = Total 21 kg
Mixing Ratio:	19 / 1 / 1
Application Methods:	Brush, Roller, Diaphragm Pump
Pot Life:	23°C: 2.5 hours
Drying Time:	1 hour / 23°C
Traffic Opening Time:	Min 6 hours/23°C, Max 8 hours/23°C
Shore D Hardness:	>60
Impact Resistance:	Class 1: ≥ 4 Nm
Pull-Off Adhesion Strength under Traffic Load for Rigid Systems:	≥2 N/mm ²
Abrasion Resistance (TABER):	531,7 mg < 3000 mg
Capillary Water Absorption:	0,013 kg/m ² .h 0,5 < 0,1 kg/m ² .h 0,5
Reaction to Fire Class:	Efl
VOC Content:	< 140 g/l
Equipment Cleaning:	Water

SURFACE PREPARATION

Surfaces must be free from oil, dust, and dirt.

Loose particles on the surface should be removed.

Elements that prevent adhesion on the surface must be cleaned.

MIXING PREPARATION

Components A and B should be mixed with a low-speed mixer for at least 3–4 minutes, paying attention to the correct mixing ratio, until a homogeneous mixture is obtained. Depending on the surface characteristics and color type, Component C (colorant) should be added to the A+B mixture and mixed again until the color is uniform. If desired, up to 5% water can be added to the total product amount to make it ready for application.

POWER CONCRETE ASPHALT PAINT 3K

WATER-BASED EPOXY ASPHALT PAINT



APPLICATION

The mixed product must be used within 2.5 hours. Otherwise, the product will undergo a chemical reaction, harden, and become unusable. After application, the full curing time and the period for light pedestrian traffic is 24 hours.

APPLICATION CONDITIONS

Avoid application below 10°C and in highly humid environments.

Mixing ratios must be strictly followed.

During and after application, the surface must be protected from adverse weather conditions such as rain, hail, and snow for 24 hours.

SAFETY, TRANSPORT AND STORAGE

The product is intended for professional use. Before use, read the safety warnings on the packaging and, if necessary, refer to the Material Safety Data Sheet (MSDS). Do not inhale, avoid contact with skin and eyes, and do not ingest. Use appropriate personal protective equipment. Take necessary precautions to prevent fire, explosion, and environmental pollution. Apply only in well-ventilated areas.

VOC REGULATION 2004/42

Store the product between 5–35°C.

Keep away from direct sunlight.

If opened, seal the container tightly and store in its original packaging.

VOC DECOPAINT DIRECTIVE

According to EU Directive 2004/42, the maximum allowable volatile organic compound (VOC) content for the ready-to-use product (Category IIA/j type WB) is 140 g/L (2010 limit). The maximum VOC content of **POWER CONCRETE/ASPHALT PAINT** in ready-to-use form is <140 g/L.

NOTE

BRV reserves the right to make improvements or revisions to the product and this technical document over time. This Technical Data Sheet supersedes any previously issued Technical Data Sheet for this product and is valid for 5 years. Users must ensure that they have the most current version of the technical document and, if necessary, contact our company to verify its currency.

The responsibility for using the product according to its intended purpose, as well as for the validity of application conditions and methods, lies with the applicator. BRV Epoxy Paint does not accept any claims for damages, occupational accidents, direct or indirect losses, or any compensation arising from improper application of the products contrary to the recommended guidelines.

The packaging values indicated above are nominal values based on standardized BRV formulations. Under normal production conditions, deviations may occur within the limits specified by international standards.

ASPHALT PAINT 2K



TWO-COMPONENT WATER-BASED ACRYLIC ASPHALT PAINT

PRODUCT DESCRIPTION

High-strength decorative two-component water-based acrylic asphalt paint with special aggregate and mineral hardener in powder form and colored liquid component based on special acrylic polymer. It has high UV resistance, excellent adhesion to the applied asphalt surface, high mechanical strength, and crack resistance.

APPLICATION AREAS

It is used for protective coating and painting of all kinds of asphalt and concrete surfaces, creation of safety road corridors, marking of bicycle and pedestrian paths, coating and painting of parks for public transportation vehicles, gardens, and children's playgrounds for protective and decorative purposes.

PRODUCT FEATURES

Type:	Compliant with TS 13415
Color:	RAL Colors
Appearance:	Matte
Thinner:	Thinned with water
Solid Content by Weight, %:	75
Density (Components A + B):	1.70 g/cm ³
Consumption:	1 – 1.200 kg/m ²
Packaging:	16.5 kg (Component A – Powder) + 8.5 kg (Component B – Colored Liquid), total 25 kg set (Component B is included in Component A)
Application Methods:	Brush, Roller, Airless Spray Gun
Shelf Life:	1 Year
Dust Drying Time:	1–2 hours / 25°C
Touch Drying Time:	3–4 hours / 25°C
Recoat Time:	5–6 hours / 25°C
Equipment Cleaning:	With water

SURFACE PREPARATION

All grease, dirt, and any residues preventing absorption must be completely removed, and dust on the surface must be washed away.

Loose particles on the surface must be cleaned.

No surface correction is needed on normal troweled concrete surfaces without hardener. Parts preventing adhesion must be cleaned.

On concrete surfaces treated with surface hardeners, curing agents, or paraffin derivatives, the surfaces must be roughened again before application.

APPLICATION CONDITIONS

In the 25 kg set, take 6.5 kg of Component B (Colored Liquid) into a clean container, add 5 kg of water, and mix for 1–2 minutes using a low-speed mixer.

Gradually add 16.5 kg of Component A (Hardener Powder) to this mixture without forming lumps, and mix for at least 3–4 minutes until homogeneous using a low-speed mixer.

Apply the homogeneously mixed product to the surface in 2 coats using an airless spray gun, brush, or roller. Optional third coat can be applied according to intercoat waiting times, either undiluted or diluted up to 10% if desired.

ASPHALT PAINT 2K



TWO-COMPONENT WATER-BASED ACRYLIC ASPHALT PAINT

APPLICATION CONDITIONS

After application, the product's full curing time and opening to light pedestrian traffic is 24 hours.

Avoid application below 10°C and in very humid environments.

For applications on newly laid asphalt, ensure the surface temperature is above 35°C.

During and after application, protect the surface from adverse weather conditions such as rain, hail, and snow for 24 hours.

SAFETY

Before use, pay attention to the safety warnings on the packaging and, if necessary, consult the Material Safety Data Sheet (MSDS). Do not inhale, avoid skin and eye contact, do not ingest, and use appropriate personal protective equipment. Take necessary precautions to prevent fire, explosion, and environmental contamination. Apply in well-ventilated areas.

TRANSPORT AND STORAGE

Store the product between 5–35°C.

Do not expose the product to direct sunlight.

Once opened, keep the product in its original container with the lid tightly closed.

NOTE

BRV reserves the right to make improvements/revisions to the product and this technical document over time. This Technical Data Sheet invalidates any previous Technical Data Sheet for this product and is valid for 5 years. Users must ensure they have the most up-to-date version of the technical document and, if necessary, contact our company to verify its currency. The applicator is responsible for the proper use of the product, application conditions, and methods. BRV Epoxy Paint does not accept any claims for damages, accidents, direct or indirect losses resulting from improper application of the product. The packaging values indicated above are nominal values standardized by BRV in its formulations. Under normal production conditions, deviations within the limits of international standards may occur.

ASFALT PAINT 1K

SINGLE-COMPONENT WATER-BASED ACRYLIC ASPHALT PAINT



PRODUCT DESCRIPTION

A ready-to-use, high-strength, UV-resistant, single-component water-based acrylic asphalt paint with specific chemical and physical properties.

APPLICATION AREAS

It is used for protective coating and painting of all types of asphalt and concrete surfaces, creating safety road corridors, marking bicycle and pedestrian paths, coating parking areas for public transport vehicles, gardens, and concrete and asphalt surfaces of children's playgrounds for protective and decorative purposes.

PRODUCT FEATURES

Type:	Compliant with TS EN 1504-2/April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color:	RAL colors
Appearance:	Matte
Thinner:	Thinned with water
Solids by Weight, %:	75
Density:	1.50 g/cm ³
Consumption:	0.600 – 0.700 kg/m ²
Packaging:	20 kg
Application Methods:	Brush, Roller, Airless Spray Gun
Shelf Life:	1 year
Dust Dry:	1–2 hours / 25 °C
Touch Dry:	3–4 hours / 25 °C
Recoat Time:	5–6 hours / 25 °C
Equipment Cleaning:	Water

SURFACE PREPARATION

Surfaces must be completely cleaned of grease, dirt, and any residues that hinder absorption; dust must be washed away.

Loose particles on the surface must be removed.

Normal polished concrete surfaces without hardener do not require surface correction; any adhesion-inhibiting particles must be removed.

On concrete surfaces treated with hardeners, curing agents, or paraffin derivatives, surfaces must be roughened again before application.

APPLICATION CONDITIONS

The product is ready to use. Before application, mix with a low-speed mixer for at least 3–4 minutes until homogeneous. The first primer coat should be applied at half dilution. Second and third coats can be applied undiluted or, if desired, diluted up to 10%, following intercoat waiting times. After application, full curing and light pedestrian traffic are allowed after 24 hours.

Avoid application below 10°C and in very humid environments.

During and for 24 hours after application, protect the surface from adverse weather conditions such as rain, hail, or snow.

ASPHALT PAINT 1K

SINGLE-COMPONENT WATER-BASED ACRYLIC ASPHALT PAINT



SAFETY

Before use, pay attention to the safety warnings on the packaging and, if necessary, consult the Material Safety Data Sheet (MSDS) of the product. Do not inhale, avoid contact with skin and eyes, do not swallow, and use appropriate personal protective equipment. Take necessary precautions to prevent fire, explosion, and environmental contamination. Apply in well-ventilated areas.

TRANSPORT AND STORAGE

Store the product between 5–35°C.

Do not expose the product to direct sunlight.

Once opened, keep the product in its original container with the lid tightly closed.

NOTE

BRV reserves the right to make improvements/revisions to the product and this technical document over time. This Technical Data Sheet supersedes any previous version issued for this product and is valid for 5 years. Users must ensure they have the most current version of the technical document and, if necessary, confirm its currency with our company. The responsibility for proper use of the product, application conditions, and methods lies with the applicator. BRV Epoxy Paint does not accept any liability for consequences arising from improper application, occupational accidents, direct or indirect damage, or loss. The packaging values stated above are nominal values in BRV standardized formulas. Under normal production conditions, deviations within international standards may occur.

APPLICATION AREAS



**BICYCLE
PATHS**



**WALKING
PATHS**



**SPORTS
AREAS**



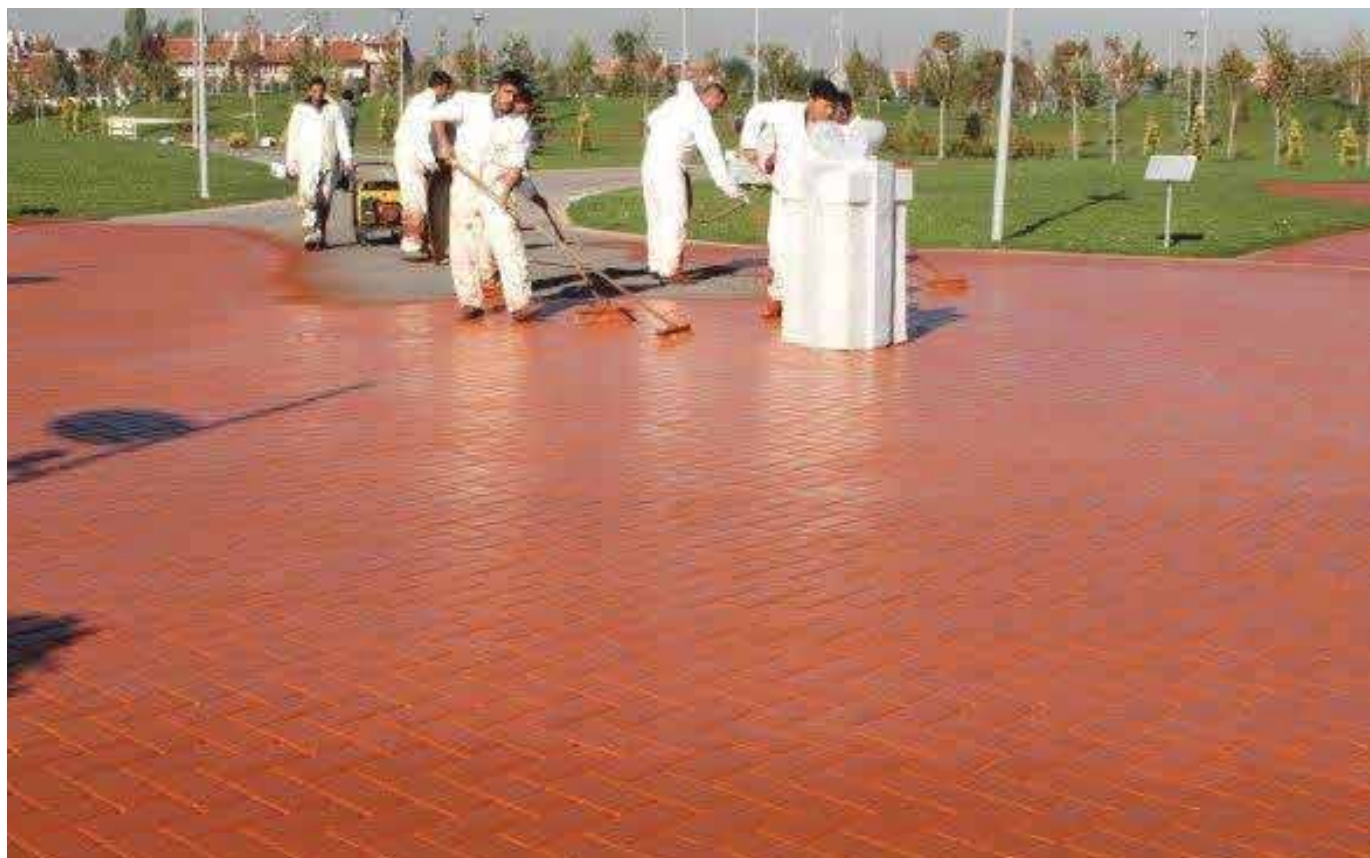
**CAR PARK
AREA**



**PARKS AND
GARDENS**

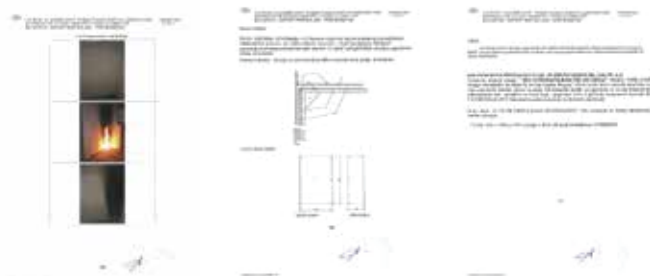












**FOR SPECIAL PROJECTS AND PRODUCT SUPPORT,
PLEASE CONTACT OUR CONSULTATION LINE: +90 232 376 7625**