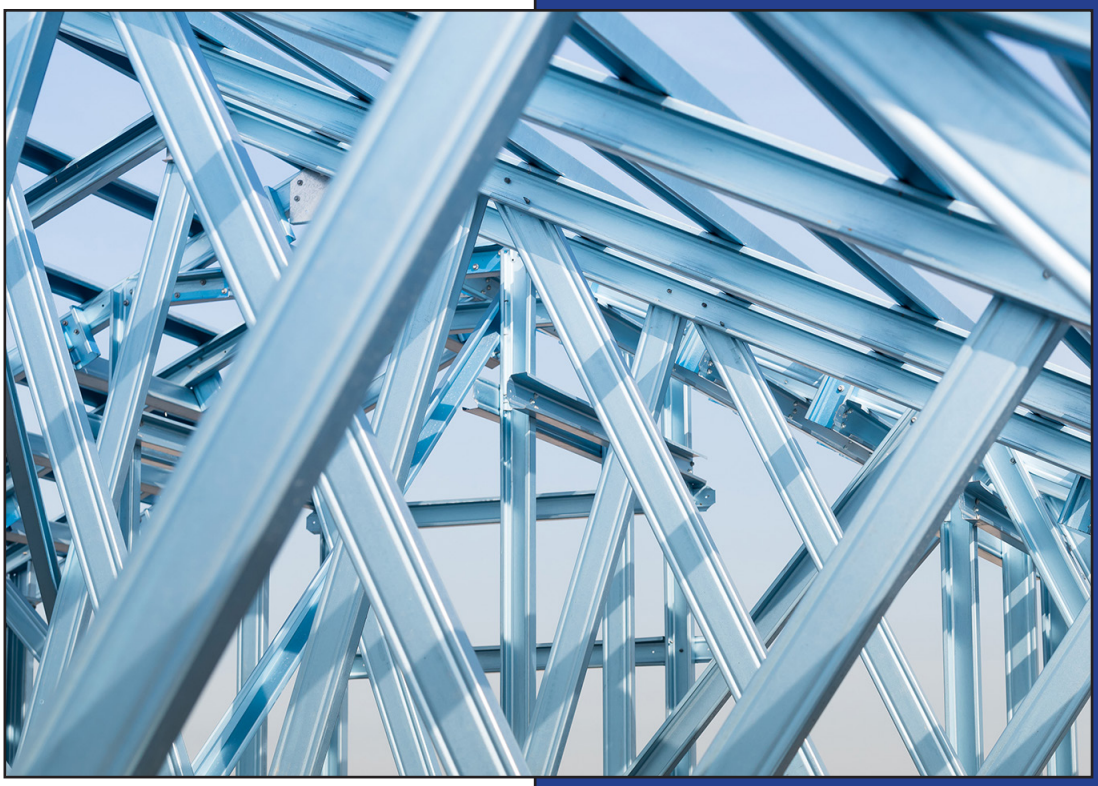
TBS TÜRKİYE BOYA SANAYİ

TBS INDUSTRIAL AND CHEMICAL CO.

INDUSTRIAL PAINTS & COATINGS



TÜRKİYE BOYA SANAYİ

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ABOUT US

TBS Industrial and Chemical Co., a subsidiary of BOTEK R&D Chemistry Co., meets the industrial paint needs of the industry and develops field application and engineering solutions in this direction. Our company, with its 25 years of engineering and application experience, provides industrial quality paint sales, engineering-consulting services and after-sales application-audit services.

We supply fire retardant ASPAR FRC and FIRETEK branded products to end users in steel carrier projects such as Airports, Hangars, Industrial Facilities, Stations, Towers, Public Spaces, Culture and Shopping Centers.

ASPAR Heat Reflective paints used in security structures, military structures, production facilities, warehouse roofs and LNG and Fuel Tanks, Anti-Corrosion paint to maintain the static strength of steel structures, heat sink paints used in fuel-oil tanks to stabilize the viscosity of liquids and innovative industrial structures. is the solution partner of the products.

APPLICATION AREAS

HANGARS

AIRPORTS

STATIONS

INDUSTRIAL FACILITIES

REFINERIES

PIPELINES

EDUCATIONAL BUILDINGS

SPORT FACILITIES

TUNNELS

HEALTH STRUCTURES

CULTURAL CENTERS

SKYSCRAPERS

INDUSTRIAL PAINTS AND COATINGS

The symbol used in the **“ASPAR”** logo belongs to the Bayındır (Bayundur) tribe from the Oğuz tribes; It means “the place always full of blessings.

- The word analysis of **“ASPAR”** means “doing useful work”.

We offer products in the industrial field with our ASPAR and FIRETEK brands.

INDUSTRIAL PRODUCTS

ASPAR ***FIRETEK***

CONSTRUCTION INDUSTRY GROUP

Corrosion-Resistant Paints
Epoxy Paint

INSULATION GROUP

Sealing Paint
Heat Reflective Paint
Tank Isolation Paints
Electrical Isolation Paints
Heat Isolation Paint

FIRE RETARDANT PAINT SYSTEM

Shop Primer
Fire Retardant
Topcoat

CONSTRUCTION INDUSTRY GROUP

COROSSION-RESISTANT PAINTS

EPOXY PRIMER
SURFACE TOLERANT PRIMER
NOVALAC EPOXY PRIMER
EPOXY ZINCH PRIMER
EPOXY MIOX MIDCOAT
SOLVENT FREE EPOXY LINING
POLYURETHANE TOPCOAT PAİNT
ALIPHATIC ACRYLIC/PU TOPCOAT

CORROSION-RESISTANT PAINT

EPOXY PRIMER

ASPAR EAS-K

It is an epoxy primer with two components, cured with a high solids polyamide hardener, and containing anticorrosive zinc phosphate pigment. It is developed for high corrosive atmospheric environments. It creates a paint film that adheres very well to the applied surface, is flexible, has high chemical and physical resistance, and allows for an extended curing time before applying the subsequent paint layer.

SURFACE TOLERANT PRIMER

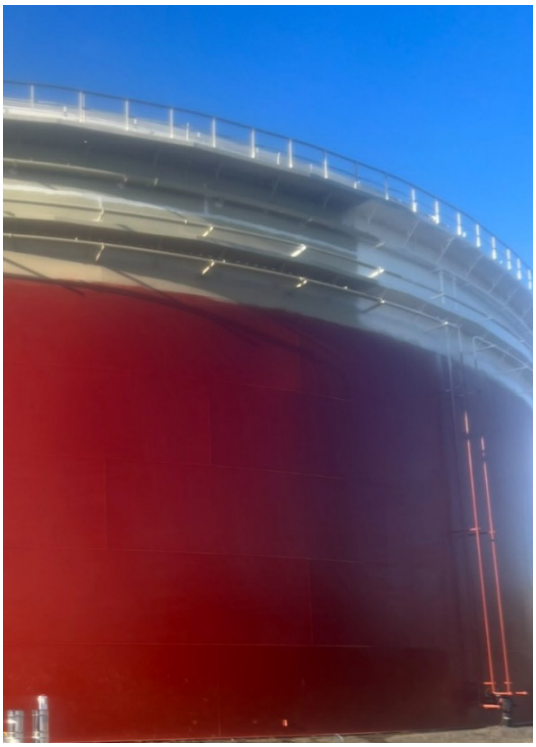
ASPAR ASYT-K

ASPAR ASYT-K is a surface-tolerant primer, a two-component epoxy primer cured with high solids and polyamide hardeners, containing anticorrosive zinc phosphate pigments. It has been developed for high-corrosion atmospheric environments. It forms a paint film with excellent adhesion to the applied surface, flexibility, and high chemical and physical resistance. This film allows for an extended curing period before the application of subsequent paint layers. It has a low VOC (Volatile Organic Compounds) value. ASPAR ASYT-K is used as a surface-tolerant epoxy primer in petroleum/petroleum product storage and transportation tanks and pipes, steel structures and equipment, tanks and pipes, port facilities, underwater or underground structures, and industrial facilities.

NOVALAC EPOXY PRIMER

ASPAR PSF-K

This is a two-component, 100% solid content, high-performance Novolac epoxy coating. It is designed for rapid service in the petroleum refining industry and is an advanced technology epoxy primer system. This product can be applied at temperatures as low as 2°C (35°F). The maximum working temperature in a dry environment is 300°F (149°C).



CORROSION-RESISTANT PAINT

EPOXY ZINC PRIMER

ASPAR P-ECZr

Epoceramic ZR is a two component, polyamide epoxy zinc filled coating. It provides superior corrosion protection from undercutting. Excellent use on structural steel, petrochemical applications, bridges, piping, paper mills and power plants.

EPOXY MIOX MIDCOAT

ASPAR PSF-K

MIOX MidCoat is a two-component epoxy middle coat, resistant to corrosive atmospheric conditions, with high solids content, and containing anticorrosive micaceous iron oxide (MIOX) pigment. Its resistance to corrosive atmospheric conditions allows for its use in steel structures and equipment, tanks and pipes, ports, and industrial facilities.

SOLVENT FREE EPOXY LINING

ASPAR LSF-K

It’s a solvent free, high performance epoxy coating designed as an internal tank lining for chemical or other commodity storage. It is resistant to a broad range of chemicals such as fuels, salts, alkalis, many acids and some solvents. Excellent versatility allows for water treatment immersion service.

CORROSION-RESISTANT PAINT

POLYURETHANE TOPCOAT

ASPAR SK-K

It is a high quality 2-component topcoat based on special polyurethanes, with an excellent appearance, outstanding weather resistance, very good gloss retention and good resistance against chemical and mechanical loads. Suitable for concrete transmixers, service buses where heat insulation required. It has weather resistance, colour shade stability, chemical resistance, hardness and durability.

ALIPHATIC ACRYLIC/PU TOPCOAT

ASPAR T-Ac

Two component Aliphatic Acrylic/PU topcoat paint with low emissivity properties. This uniquely designed paint can be used to form selective surface paints with a high reflective coating on the exterior.
ASPAR Low-e has a high absorbant type which is used on the exterior.
Selective Surface Applications
Places like Transformer cubicles where there is a heat source inside and IR heat source outside (Sun)

Low emissivity and high absorbant Paint Applications
Solar Panels
Solar Walls
Solar Collectors
Fuel Oil Tanks

INSULATION GROUP

TANK INSULATION SYSTEMS

Tank isolation coatings provide energy saving, safety, and high corrosion resistance that the industry needs.

In order to reduce the temperature in the storage tanks, safety, savings, and environmental awareness are provided with paint systems that reflect solar energy.

Tank insulation coatinga are also used in tankers and iso tanks used to transport these materials.

Low-e COATING LINE

In fuel-oil tanks, savings in heating costs are achieved with low-e coatings that can absorb 45% more heat than black paint.

HEAT RESISTENT TOPCOAT

ASPAR T-HRs

It is a high-temperature resistant, single-component topcoat paint based on silicone resin. It can be applied to surfaces where resistance to high temperatures is desired for any type of metal surface. It is resistant to temperatures up to 600°C on metal surfaces and up to 450°C on aluminum sheet surfaces. It is suitable for topcoats with high demands on heat resistance.
It is used on surfaces exposed to high temperatures, such as industrial ovens, shafts, heating-cooling systems.

TANK LINING - TANKTOP – EPP - TNK SERIES

This is a two-component, specially modified epoxy resin-based coating. It is specifically designed for use inside tanks where chemical resistance is required. It is used for the purpose of protection within storage tanks.
It is recommended for use on metal and concrete surfaces exposed to chemicals such as acids and bases, especially designed for storage and transport tanks. It exhibits very high physical and chemical resistances.

ELECTRIC INSULATION COATING

ELECTRIC INSULATION PAINTS FOR LIGHTING POSTS

Due to the shortcuts on street lighting poles which might occur by :

Static grounding faults
Ballast Faults
Cable shortcut faults

Fatal accidents and casualties might take place for humans and animals.
Our Electric Isolation paint prevents these severe accidents permanently.

HEAT INSULATION COATING

PAINTS/COATINGS FOR TRANSFORMER BUILDINGS

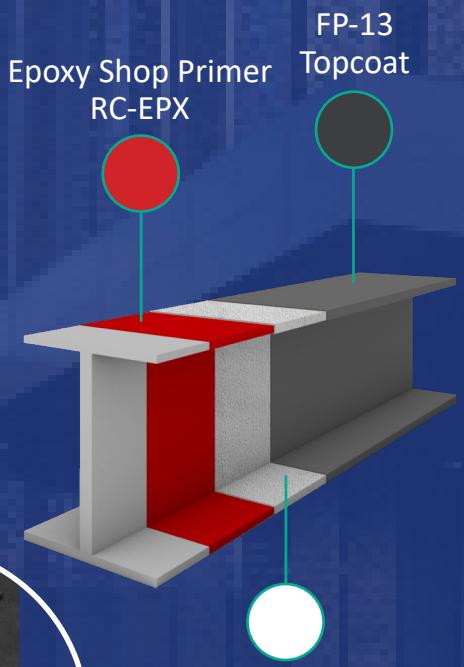
Benefits of Transformer Building Insulation Paints are:

10% - 20% energy savings in transformer load losses
Ability of directing the heat on outer and inner surfaces
Extension of maintenance periods
Reduction of transformer fires due to high temperature
Reduction in power cuts and reduction in workforce losses cause to power cuts

FIRE RETARDANT PAINT SYSTEM

The purpose of our Fire retardant paint is prevent the spread of fire and smoke and ensure that people exit from the building safely.

In addition to this, it ensures structure integrity and prevents spreading fire to neighbor structures.



FP-12 Fire Retardant Paint

Epoxy Shop Primer;
The first layer of the fire retardant paint system provides corrosion prevention and ensures adhesion of the fire retardant paint to the surface.

Fire Retardant Paint:
The second layer applied to steel profiles is an intumescent coating that prevents the transfer of heat.

Topcoat:
It is applied as the final layer of the Fire Retardant Paint System. The Topcoat Paint protects the system against external factors by cutting off the contact of the fire retardant paint layer with air. It can be produced in the desired color and gloss.

They are stable at ambient temperature. However, during a fire, as a result of a series of chemical reactions, the paint layer expands by thickness on a very large scale compared to application thickness and form an insulation layer on the steel.

Unprotected Steel

Steel Protected
with Fire Retardant Coating

Steel Protected
with Fire Retardant Coating
in a Fire Scenerio

FIRE RETARDANT PAINT SYSTEM

ASPAR 93-AS-K

Epoxy Shop Primer

It is a 2-component zinc phosphate containing polyamide epoxy resin-based primer. It is recommended to use it in cases where surface cleaning cannot be done well. Shop is primarily used for storing mechanically cleaned steel surfaces, for protection during construction or as a primer during maintenance. It ensures that the paints applied as a primer adhere better to the surface.

FP-12

Waterbased Intumescent Coating

FP-12 is a decorative and thin-looking fire retardant coating designed to be applied on steel carriers on the interior walls of buildings. It swells during fire, forming a layer that delays the heating of the steel. It offers a wide range of color options with its topcoat paint. The formula, which can allow up to 9.3 mm application, has been tested according to EN 13381 and can withstand up to 2 hours.

FP-13 TOPCOAT

Solvent Based Topcoat

It is a one-component silicone alkyd topcoat applied on fire retardant paint. It can be produced in various colors.

SPECIAL PROJECTS

SPECIAL SOLUTIONS

REFERENCES

Airports – Hangars

Trabzon Airport VIP-CIP
Balikesir Airport
Edremit Koca Seyit Airport
12 Airport Terminal Buildings and Their Supplements Completed
under the responsibility of DHMI
Kayseri NATO A400M AIRCRAFT HANGAR
Malatya Erhaç Land-Air Vehicles Hangar
Kocaeli Kartepe Land-Air Vehicles Hangar
NATO Allied Ground Command Izmir Combat Headquarters
NATO Malatya Erhaç F35 Aircraft Hangar and Supplements
Sabiha Gökçen Airport HEAŞ Aircraft Hangars
Esenboğa State Aircraft Hangar Buildings
Van Gendarmerie General Command Hangar Buildings
Coast Guard Command hangar buildings
(Mersin, Antalya, Çarşamba, Çanakkale)
Kars Airport Fire Brigade
Mardin Airport Fire Brigade
TCDD Ankara Regional Directorate Workshops
TCDD Bozhöyük Station Building
DLH Erzincan Helicopter Maintenance Hangar
Mardin Airport
Diyarbakir Airport
Tokat Airport (2019)


dalaman


Heydar Aliyev Cultural Center-BAKU/AZERBAYCAN


Selçuklu Tropical Butterfly Garden

Cultural Centres- Sport Facilities

Heydar Aliyev Cultural Center-BAKU/AZERBAYCAN
Ankara Arena Stadium
Selçuklu Congress Center
Konya Science Center
Selçuklu Tropical Butterfly Garden

Hospitals - Schools - Private Buildings

Ministry of National Education, Ankara
Undersecretariat of Defense Industry, Kirazlıdere
Atılım University, Incek, Ankara
Açı Educational Institutions, Istanbul
Bayindir Hospitals, Ankara
Hacettepe Hospitals, Adult-Children's and Oncology Hospitals
Marmaray Fire Lines Protection
TBMM National Palaces, Dolmabahçe Palace
Grand National Assembly of Turkey 1st Assembly Building
HSBC Zincirlikuyu Headquarters Building
Yapı Kredi Private Customers Branch
Antalya Andeva Hospital
Marmara University Dormitory Buildings
Ankara Arena Sports Hall
Libya Al-Fateh University

Industrial Facilities

BOTAŞ Adana Ceyhan Tanks and Pipelines
Perfetti Vivident Production Facilities
Sumitomo Aramco PE Plants, Rabigh
CIMKO Cement
Çumra Sugar Factory
BTC Pipeline BP İskenderun
MKE Facilities Kırıkkale
GOODYEAR Adapazarı Warehouses
Şişecam Factory
SASA Factory
CMS Rim Factory

Hotel - Shopping Centers

Bursa Hilton Hampton Hotel
İstanbloom
Çiftçi TOWER Zincirlikuyu İstanbul
Trabzon Hilton
Erbil Majidi Mall
Urfa Sheraton
Gloria Gold Verde
Pixel 34 Tiflis Mall
Armada Mall
Millenium Hotel-Süleymaniye
Levent Loft Condominium


Sumitomo Aramco PE Plants, Rabigh


Pixel 34 Tiflis Mall

TÜRKİYE
BOYA
SANAYİ

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