International

AkzoNobel

PUSHESH GOSTAR QESHM

INTUMECENT PAINT

طراح و مجری سیستم های پیشرفته محافظت غیرعامل در برابر آتش

پوشش گستر نماینده رسمی AKZONOBEL در ایران

رنگ های منبسط شونده مقاوم در برابر حریق

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پوشش گستر قشم

درباره ما

شرکت پوشش گستر قشم به پشتوانه سی سال تجربه اجرایی وفعالیت تخصصی به عنوان یک مجموعه توانمند در اجرای پروژه های عمرانی و به طور تخصصی در زمینه مقاوم سازی ساختمان ها در برابر آتش شناخته می گردد ، که شامل ارائه خدمات مشاوره ای ، طراحی تولید و اجرای سیستم های محافظت غیر عامل در برابر آتش می باشد . محصولات این شرکت دارای استاندارد های جهانی از جمله UL آمریکا ، BS انگلستان و دیگر تاییدیه های بین المللی اتحادیه اروپا شامل CE&ETA می باشد و همچنین تاییدیه لازم از مرکز تحقیقات راه ، مسکن و شهرسازی و سازمان آتش نشانی را دارد این محصولات در تاسیسات صنعتی ، ساختمانهای اداری ، تجاری ، مسکونی ، سالنهای همایش ، ورزشگاه ها و تونل ها بکار برده می شود. تیم مهندسی ، طراحی ، پرسنل فنی و اجرایی شرکت پوشش گستر قشم تاکنون خدمات خود را در بیش از سیصد پروژه مطرح کشور ارائه داده اند .

خدمات شرکت پوشش گستر قشم در زمینه مقاوم سازی ساختمان‌ها دربرابر آتش

پوشش های مقاوم دربرابر آتش جهت محافظت سازه شامل مواد معدنی اسپری شونده و رنگ های منبسط شونده .
سیستم های آتش بند و دودبند جهت جلوگیری از گسترش آتش و مشتقات آن (دود ، گازهای سمی و حرارت) در رایزرها و محل های عبوری تاسیسات .
درب ، شیشه و پرده های مقاوم دربرابر آتش .
بوردهای ضدانفجار و ضد حملات سایبری (مناسب برای دیتا سنترها و اتاق‌های امن)
پوششهای تاخیر انداز برای مقاوم سازی چوب و پارچه دربرابر آتش.

اصول خط مشی شرکت پوشش گستر قشم

توسعه پایدار کسب و کار و افزایش سهم شرکت از بازار داخلی و خارجی .

تمرکز بر نیازمندیهای مشتریان و افزایش رضایتمندی آن ها در تمامی خدمات ارائه شده توسط شرکت .

ارتقاء سطح دانش و مهارت و توسعه قابلیت های منابع انسانی از طریق آموزش مستمر و اثربخش .

بهبود مستمر در افزایش بهره وری و ارتقاء سطح کیفی خدمات.

ارتباط مستمر با تامین کنندگان کالا و خدمات و تلاش جهت ارتقاء کیفی محصولات .

تمرکز بر ارائه خدمات دوستدار محیط زیست ، استفاده بهینه و پایدار از منابع انرژی و به حداقل رساندن ضایعات و آلاینده ها با مدیریت صحیح و موثر .

پیشگیری از مصدومیت و بیماری‌های شغلی ، حفظ و ارتقاء ایمنی و بهداشت حرفه ای.

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پوشش گستر قشم

نگاهی به تاریخچه اکزونوبل با بیش از سه قرن تجربه

Production starts in Ningbo

The Ningbo multi-site in China was officially opened. To date, more than €400 million has been invested in the location.

Akzo joins forces with Nobel

Nobel Industries was acquired by Akzo to create Akzo Nobel. Four years later, the company also acquired Courtaulds in the UK.

Dulux leads DIY revolution

Dulux was launched onto the retail market and ten years later an Old English sheep-dog was used in the brand's adverts for the first time.

Discovery of polythene

A laboratory accident led ICI scientists to discover polythene, the very first plastic. Akzo Nobel acquired ICI in 2008.

International enjoys early success

The Holzapfel brothers built a new factory in Felling, UK, to produce their increasingly successful International marine antifouling paint.

Illustrious beginnings for Eka

Alfred Nobel funded the setting up of a company which went on to become Eka, now part of our Specialty Chemicals business.

Sikkens business started

In the late 18th century, Wiert Willem Sikkens opened a small paint and varnish works in a gatehouse in the city wall of Groningen.

Bofors forge founded

Our origins can be traced all the way back to a foundry established in the Swedish countryside by Paul Hossman.

International

Passive Fire Orotection

Supplying protecrive coatings and passive fire orotection to global projects locally

AkzoNobel

Pushesh Gostar

پوشش گستر قشم

International®

Fire Protection for Structural Steel

Interchar® / Chartek®

Why choose our products?

Interchar Acrylic

- Water and solvent borne technologies
- Excellent aesthetics
- Global approvals
- Competitive loadings

Interchar Epoxy

- 100% volume solids (almost zero VOCs - volatile organic compounds)
- Enhanced mechanical properties
- Excellent external durability
- Offsite application allowing faster construction

Chartek

- Most widely used epoxy passive fire protection (PFP)
- Low density material means low installed weight
- Excellent long term corrosion protection
- Extensive certification and track record
- 100% volume solids
- Protection against hydrocarbon and jet fires

چرا محصولات ما انتخاب میشوند؟

- رنگ ضدحریق سلولوزی پایه آب
- رنگ ضد حریق سلولوزی پایه اپوکسی
- رنگ ضدحریق هیدروکربنی پایه اپوکسی

Media TIC Building, Barcelona, Spain

Situated in the centre of Barcelona, the Media-TIC building is a futuristic mixed use development, utilized by those within the technology industry to share knowledge, ideas and training. Originally a warehouse, it was redeveloped and thanks to a ground breaking exterior facade and various other energy efficiency measures, the structure boasts close to net-zero carbon emissions.

To protect the structural integrity of this valuable asset in case of fire and to meet the rigorous fire safety standards placed on modern buildings of this type, Interchar 404 intumescent fire protection was chosen for its excellent aesthetics whilst still providing optimum passive fire protection for the structure. Interchar 404 carries the CE mark, demonstrating it has been tested extensively to meet the highest fire protection industry standards across Europe.

The System

Interchar 404

Did you know?

The Media-TIC building was awarded the prestigious title of ©Building of the Years Award at the World Architectural Festival 2011 for its innovative approach to CO2 reduction, as well as for its pro-active approach in leading sustainable design for the future.

State of the art fire protection from International Paint

Fire protection is an important decision that should be carefully considered at an early design stage. The budget and construction schedule can be heavily impacted if the fire protection is considered too late or the options are not fully understood.

For over 35 years our Interchar and Chartek products have provided anti-corrosive and aesthetic fire protection for steel structures in markets including infrastructure, power, oil and gas, chemical, mining and bridges.

All over the world, we are working with customers from the design phase, to application and through to construction ensuring specification and code compliance.

Before selecting the fire protection option, the complete installed system should be considered such as total material and application cost, material compatibility, impact on construction schedule and lifecycle costs including maintenance.

Why do materials require fire protection?

Most materials are not inherently resistant to the effects of fire and therefore require fire protection. Steel is the most prominently protected material but protection can include other materials such as aluminium and plastics.

Whatever the material to be protected from the effects of a fire the principles are the same, namely, to prevent the rise in temperature of the protected substrate to maintain its structural integrity.

Put simply fire protection gives you TIME to escape and TIME to extinguish the fire reducing damage to the asset and its surroundings.

Due to the different nature of fire types and standards the correct product selection is critical.

What type of fire protection do different structures require?

چه نوع پوشش ضدحریق برای محافظت در برابر المان های سازه ای لازم است؟

Built environment

سازه های شهری

Usually cellulosic, but sometimes hydrocarbon fire protection for architectural applications including external exposed (such as exoskeleton), internal structural members and escape routes for:

- Tall Buildings
- Commercial Buildings
- Airports and transportation hubs
- Bridges
- Stadiums and sports arenas

Industrial installations

سازه های صنعتی

Hydrocarbon, cellulosic and sometimes jet fire protection for areas such as members, vessels, pipework and equipment located on:

- Chemical plants
- Nuclear power plants
- Petrochemical plants
- Refineries
- LPG/LNG processing facilities
- Oil sands plants

Offshore installations

سازه های دریایی

Hydrocarbon and jet fire protection for areas such as structural steel, fire and blast walls, under decks and piping found on:

- Fixed oil and gas platforms
- Offshore LNG terminals
- Floating oil and gas production and storage vessels (eg FPSOs)

Onsite or offsite application - what is the optimal solution for your project?

قابل اجرا در محل پروژه ها و یا محیطی دیگر -
کدام گزینه برای پروژه ما بهتر است؟

Our fire protection products are suitable for both onsite and offsite application but offsite application can deliver the benefits listed below.

Time Saving

- Reduction in site disruption
- Fire protection removed from critical path meaning quicker construction

Quality

- Improved quality control
- Reduced weather sensitivity

HS&E

- Reduced site solvent emissions
- Improved safety onsite due to fewer trades

Reduced Cost

- Quicker return on investment from faster construction

Proven long term aesthetics, corrosion and fire protection is not only about the technology but the expertise and experience of the supplier who delivers the right product for your project needs.

Once the correct product is specified you must also consider if the advice and support given before, during and after the project is professional and accurate.

Our dedicated fire protection technical service team supports a global network of qualified applicators with:

- Recommendations and practical experience
- Quality control procedures
- Application guidelines
- Advice on inspection and future maintenance

Common product issues with cementitious passive fire protection:

- Aesthetically not very appealing
- Offers NO corrosion protection which can cause detachment and hidden corrosion under fire protection
- Water ingress can be an issue even when topcoated increasing the risk of corrosion and maintenance costs
- Significant increased weight and load on structures
- Poor durability including weathering and mechanical properties
- Very slow to dry so can delay construction
- Application can be slowed by weather conditions

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اینترنشنال پینت را انتخاب کنید

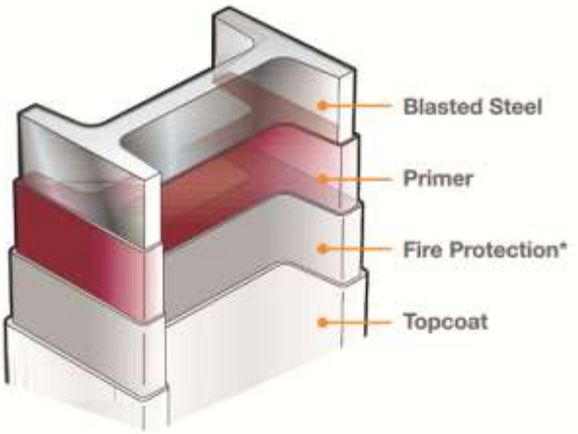
Choose International Paint

- Part of AkzoNobel, the world's largest coatings company, whose brands include Chartek, International, Sikkens, Devoe and Interpon
- Over 35 years of fire protection experience
- Ability to supply high quality products and services to projects anywhere in the world
- Own global product manufacturing and supply of complete coating system
- Global network allows full support of multinational project needs
- Consistent quality from raw materials to product selection to manufacture and technical support
- Large product range independently tested to meet your project needs

Interchar and Chartek are vigorously tested in-house and by third parties to deliver you and your customer advanced technology that you can rely on.

سیستم ما کامل است

Our Complete System



* A mesh may be required for hydrocarbon fire protection

Track Records

Track Record **Melbourne Airport** | Australia

System
Intercure® 200
Interchar 963
Interthane® 870

Intercure 200
Interchar 1120

Interchar was utilised to provide 60 minutes fire protection during the expansion of Melbourne Airport. The properties of Interchar allowed the steel to be coated offsite and delivered to site already fire protected saving valuable time during construction and ensuring a robust quality control programme.

Track Record **Infosys Software Park** | India

System
Interseal® 670HS
Interchar 1190
Intersheen® 579

Indian firm Infosys employs over 80,000 people worldwide and established a new office in 2005 located in Pune, India. This eye-catching building utilised Interchar fire protection to safeguard life and protect the structure from collapse in the event of fire.

Track Record **Akpo FPSO** | West Africa

System
Interzinc® 52
Intergard® 269
Chartek 7
Intergard 475HS
Interthane 990

Chartek 7 was selected for the Akpo FPSO project, one of the biggest FPSOs in the world, because of its failure free track record and ease of application.

Track Record **Freeport LNG** | USA

System
Intergard 251
Chartek 1709
Interthane 990

Chartek 1709 was used on the Freeport LNG terminal in the USA due to its suitability for off-site application and long term maintenance free performance.

اکزونوبل در خاورمیانه

AkzoNobel Middle East & Africa at a glance

AkzoNobel

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Passive Fire Product in IRAN

Interchar 1190

Thin film water-borne intumescent coating optimized for 90 and 120 minutes fire resistance

As part of the Interchar® range for cellulosic fire protection, Interchar® 1190 will maintain your architectural aesthetics for fire resistance periods up to 120 minutes on structural steelwork.

Tested and approved to the highest standards, Interchar® 1190 is another reason to choose International® as your fire protection supplier.

- Best in class loadings for 90 & 120 minutes fire resistance
- Tested to BS 476: Parts 20 & 21
- Loss Prevention Council Board (LPCB) Third Party Product Approval
- LPCB Red Book Listed
- Compatible with a wide range of primers and a full topcoat color range including water-borne options
- Suited to on-site application
- Fast drying characteristics for excellent productivity
- Single pack product for fast and easy single leg airless spray application
- High solids, low odour, zero VOC formulation*

* According to EU Solvent Emissions Directive (SED) 1999/13/EC

Interchar® 1190 Fireproofing without compromising aesthetics

Interchar® 1190 has been developed using proprietary technology specifically to meet the need for a more sustainable approach to architectural fire protection.

Interchar® 1190 development, testing and manufacture meets the highest standards and has been independently verified.

Fire protection with aesthetic appeal

Interchar® 1190 has been designed to allow fireproofing without compromising aesthetic appeal:

- Competitive dry film thicknesses
- Applied as a thin layer, it does not compromise intricate designs and shapes created from the structural steel
- Easy over-coating with a wide range of colored finishes

Approvals

BS 476 Parts 20-21: Fire Resistance of Elements of Construction

ASTM E84-13a test for Surface burning characteristics of building materials (UL263, UBC 8-1, and NFPA 255)

Interchar® 1190 is undergoing continual testing and approvals. Please contact International® for an up to date listing.

Testing to the highest standard

LPCB third party product approval is a quality assurance scheme comprizing initial type testing and technical evaluation, assessment and surveillance of the manufacturer's quality system and production procedures, regular audit testing, labelling and listing.

It is important to know that the products supplied and installed will provide the same level of performance as those tested.

LPCB

Certificate No. 1109a

Application on solid I-beam

Typical uses

Provides intumescent fire protection to structural steelwork while maintaining architectural aesthetics for commercial infrastructure assets including: -

- Airports
- Stadia and leisure facilities
- Office buildings
- Retail complexes

One supplier, one solution

Project construction aspects and client aesthetic requirements may require the use of both a primer and colored topcoats.

You can have confidence in International® because we test complete systems and can offer a single point supply and support.

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Interchar 1120

Thin film water-borne intumescent coating optimized for 90 and 120 minutes fire resistance

As part of the Interchar® range for cellulosic fire protection, Interchar® 1120 will maintain your architectural aesthetics for fire resistance periods up to 120 minutes on structural steelwork.

Tested and approved to the highest standards, Interchar® 1120 is another reason to choose AkzoNobel as your fire protection supplier.

- Approved to a wide range of fire standards
- Third party Certifire approval
- Tested for surface spread of flame, smoke development and toxicity levels
- Compatible with a wide range of primers and a full topcoat color range including water-borne options
- Suited to on-site application
- Fast drying characteristics for excellent productivity
- Single pack product for fast and easy single leg airless spray application
- High solids, low odour, zero volatile organic compound (VOC) formulation*

AkzoNobel

* According to EU Solvent Emissions Directive (SED) 1999/13/EC


International
Efficient
Effective
Established
Enhanced
Expensive?
Not really.
Chartek
Setting the standards,
not just meeting them.
AkzoNobel

7

With an unrivalled 25 year track record, Chartek® 7 provides exceptional pool and jet fire protection and proven long term corrosion resistance. It is the most widely certified epoxy intumescent in the world and has protected over 6 million square meters of steel globally. Chartek 7 is ideally suited to assets requiring long duration fire resistance, providing up to 3 hours jet fire protection.

7E

Chartek 7E is based upon our proven Chartek 7 technology platform, giving the oil and gas industry more choice and greater efficiency than ever before. Fully certified to key industry standards, Chartek 7E is self-reinforced, removing the need for mesh reinforcement and simplifying application, whilst providing exceptional fire and corrosion protection throughout the lifetime of the asset. Chartek 7E offers outstanding pool and jet fire resistance for up to 2 hours and an up to 60% reduction in installed weight against other products in the market.

8E

Chartek 8E provides exceptional pool fire performance with up to 30% lower installed weight compared to alternative PFP products, allowing for greater flexibility in structural design. It improves coating efficiency through reduced number of coats and no mesh requirement for up to 60 minutes pool fire duration. Completely Boron-free, Chartek 8E can be applied to areas with a continuous operating temperature of up to 120°C (248°F), making it the ideal choice for process equipment and areas experiencing heat radiation from flares.

Chartek is the worldzs most complete range of epoxy intumescent passive fire protection (PFP) coatings and the first choice for the oil and gas industry worldwid. With an in-service track record of over 45 years, Chartek provides safety, durability and efficiency through proven, economical and easy - to - apply solutions, meeting all project and customer requirements.

1620CSP

Chartek 1620CSP is a unique intumescent PFP coating that provides both cryogenic spill protection (CSP) and fire protection. It protects against leaks of liquified natural gas (LNG) at -162°C (-260°F) and is designed to enhance productivity through fast application and low applied thickness. Chartek 1620CSP also provides excellent corrosion and blast resistance.

1709

Chartek 1709 adds unique capabilities to our ANSI/UL1709 listed product offer to give you an unrivaled choice. Having covered millions of square meters over a period of 10 years, Chartek 1709 can be used with confidence for a wide range of applications and fire scenarios, including pool fires up to 4 hours, jet fires and vessel protection. Its low installed weight and excellent application properties make Chartek 1709 the ideal choice for modular construction or site application.

2218

Chartek 2218 is our latest epoxy PFP system for installations requiring certification to the ANSI/UL1709 standard. Using patented technology, it offers our lowest certified thickness for longer duration fires. Chartek 2218 is certified for up to 4 hours pool fire protection and is jet fire tested to 2 hours. Simplified installation and unique rapid cure, even at low temperatures, enable faster application, improve production rates and reduce overall costs.

- Up to 300% more steelwork coated per day compared to cementitious PFP
- Up to 50% more steelwork coated per day compared to any other epoxy PFP
- 20% reduction in applied costs compared to the market leading epoxy PFP

International.

Chartek 7 &1709

Protecting lives, protecting assets

Fully certified to ISO 22899 jet fire standard and compliant with NORSOK M-501 revision 5 System 5A.

Chartek® 7 provides corrosion protection throughout the design life of the asset, retaining its fire protection properties and significantly reducing maintenance expenditure.

- ISO 22899 jet fire certification up to 3 hours
- NORSOK M501 revision 5 compliant and UL1709 exterior listed for absolute corrosion protection
- Unrivalled track record spanning 15 years, 5 continents and 1000+ installations
- Most widely certified epoxy intumescent in the world. Approved by LR, DNV, ABS and BV
- Tough, durable and resistant to impact and vibration damage
- Provides fire and cryogenic spill protection when used in combination with Intertherm® 7050
- Extensive global network of technical and field service support

پوشش گستر قشم

تهران . شهرک غرب ، خیابان حسن سیف ، کوچه
دوازدهم ، پلاک ۳ ، ساختمان پوشش گستر قشم

WWW . PGCO . CO
info @ PGCO . CO
@ PGCO_CO
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