

Fireproofing & Fire Stopping

Transit Mapping & Controls for Fire Prevention

Brand Energy & Infrastructure Services (BRAND®) provides clients with more than 50 years of experience in delivering successful fireproofing projects. BRAND employs a team of proven fireproofing and technical specialists that are experts in a variety of fireproofing applications and installation methods.

Our specialists possess an average of three years of experience, and many are cross-trained in other related services such as scaffold, insulation, painting and refractory, allowing us to leverage their capabilities for broader project needs.

In addition to our skilled and certified team of specialists, who provide services for on-site applications, BRAND has substantial shop and yard facilities that are capable of managing off-site applications. When industrial construction professionals are seeking fireproofing services, they trust BRAND to provide the know-how to consistently deliver unmatched results.

Fireproofing Service Offerings

- › Epoxy systems
- › Form and pour
- › Pneumatic, spray and troweled applications
- › Dense concrete and lightweight cementitious
- › Hand packing
- › Corrosion under fireproofing management (CUF)

Fire Stopping Installation Methods:

- › Caulk sealants
- › Foams and sprays
- › Foil tape
- › Packing materials
- › Pass-through cable devices
- › Tuck-in wraps and strips
- › Putty
- › Duct wrap



more safety
more productivity

Fireproofing & Fire Stopping

The BRAND® advantage

Fire can cross over from transits in cables, tubing and pipes into surrounding spaces. To ensure the fire safety of your staff, premises or project, it is necessary to cover all transits in walls, ceilings and floors with non-flammable materials. BRAND's fireproofing installations meet all the legal requirements for fire safety, and our annual inspections offer you piece of mind.

BRAND's firestopping services help prevent the spread of fire, smoke and toxic gases by sealing openings (such as around ductwork and pipe pass-throughs) and the joints between fire-resistant-rated walls. Our experienced technicians are certified and trained in all leading firestopping products and processes.

BRAND offers the following expert fireproofing services:



Light-Weight Applications

This type of fireproofing application is required in low traffic confined areas where heavy work is limited. These applications may include trowel-on or spray-on systems depending on the process area and the qualities desired.

Dense Concrete

Better known as "sand and cement" fireproofing, this application is still popular and highly requested in heavy traffic areas where construction equipment is present. This type of fireproofing can withstand a considerable amount of stress, tension and heat in the case of fire. It is applied by gunning or forming and pouring.

Pneumatic Gunning

This method is used to install dense concrete fireproofing material in field or shop applications. It is popular in locations such as vessel skirts and large main support columns where large volumes of fireproofing are required.



Epoxy Systems

Epoxy fireproofing is generally sprayed on, however, there are trowel-on systems available. This application is generally required in highly acidic environments such as sulfuric and caustic acid units. It is not designed to withstand heavy rigging.

Spray Applications

Spray applications include light-weight and epoxy systems which have become very popular in many facilities where highly corrosive products are manufactured.

Corrosion Under Fireproofing (CUF) Management

CUF management is performed at any point where water can ingress structures and cause an acceleration of corrosion. This water combined with the alkalinity of concrete provides an inherent anode for corrosion cells. The proper sealing of cracks and joints aids the mitigation of CUF in this corrosive environment. Cracks and joints are sealed with a variety of caulking dependent upon the type of fireproofing that is present.



Form & Pour Applications

This type of application is typical on new construction at major structural component junctions after the components have been attached or when existing components have to be replaced due to damage. This process involves the installation of wooden forms around the area that dense fireproof concrete will be poured.



**more safety
more productivity**

> best in class safety performance

> specialty team of ~40,000 People

> 30,000+ customers ... and growing

> ~340 locations in 25 Countries

> revenues of nearly ~\$5b

> assets & equipment worth ~\$4.2b

Why BrandSafway?

Unique combination of expertise & resources

We are part of **BrandSafway**, a leading global provider of access, specialised services and forming & shoring solutions to the industrial, commercial and infrastructure end markets. With more than 340 branches all over the world, we provide support for ongoing maintenance as well as for refurbishment needs and new construction plans.

As one strong team, we support our customers:

- > **Brand Energy & Infrastructure Services** is one of the world's largest industrial services specialists;
- > **Brand Access Solutions** is the UK's largest full-service provider of scaffolding and access systems;
- > **Hünnebeck** stands for safe and highly efficient formwork, scaffolding and safety technology.



Case Studies

Valero refinery



Texas, United States

When North America's largest refiner Valero Refining needed a trusted partner to provide specialty services for a major turnaround, they turned to BRAND®. The BRAND team safely and efficiently worked over 160,000 man-hours to provide fireproofing, refractory, scaffolding, insulation and abatement services to this site. Our client praised the project management team and field craft personnel for working hard to exceed all their expectations. Valero chose BRAND as the trusted partner for this critical and time sensitive project because of the value in our integrated service offerings and a seamless execution.

"I would recommend your company (BRAND) for future projects of any size, especially those requiring multiple services for your ability to manage all of these services under one project management team."

Maintenance Manager

A major refinery



West Texas, United States

As a part of a major plant rebuild at one of our client's West Texas facilities, BRAND was asked to perform a variety of fireproofing services throughout the refinery. One of the critical components of this project was the rapid deployment of manpower, equipment and material to the site in order to ensure that the fireproofing was completed on time to maintain compliance with the client's corporate requirements. Because BRAND employs one of the largest skilled workforces in our industry, we were able to rapidly respond and meet the needs of our client. This large scale fireproofing installation project involved a variety of applications including sand/cement and fendolite and required more than 25,000 labor hours.

Contact

Belgium

Mannheimweg 1, Haven 242,
2030 Antwerpen
T +32 (0)3 770 89 91
E be@beis.com
www.beis.com/be

France

256 Allée de Fétan, 01600
TREVOUX
T +33 (0)4 74 08 90 50
E accueil@brandfrance.fr
www.brandfrance.fr

Germany

Rehhecke 80
40885 Ratingen
T +49 (0)21 02 937 0
E info_de@beis.com
www.beis.com/de

India

1st Floor, Western Aqua,
Plot Nos - 1,2,3 and 4/Part,
Survey No 8, Whitefield,
Kondapur, Hyderabad 500 084
Telangana
T +91 (0)40 45627988
E in@sbggroup.com
www.brandsafway-india.in

Netherlands

Rivium Quadrant 209,
2909 LC
Capelle aan den IJssel
T +31 (0)10 44 55 444
E nl@beis.com
www.beis.com/nl

Saudi Arabia

PO Box 4296, Dammam, 31952
T +966 (0)1 26917690
E SA@brandsafway.com
www.sbggroup.com

Romania

Căpușu Mare, nr. 310
407145 județul Cluj
T +40 (0) 264 504 270
E info_ro@huennebeck.com
www.beis.com/ro

United Arab Emirates

37656 Dubai, Techno Park
T +971 (0)4 8132000
E AE@brandsafway.com
www.sbggroup.com

United Kingdom

Suite 1, Ground Floor, Origin 3,
Genesis Office Park, Europarc
Grimsby, DN37 9TZ
T +44 (0)844 335 8860
E ukinfo@beis.com
www.beis.com/uk

All the trademarks named in this brochure are the property of Brand Industrial Services, Inc., known as BrandSafway, unless marked as third-party rights or identifiable as such in another way. Aluma Systems, Brand, Brand Access Solutions, Brand Energy & Infrastructure Services, Hünnebeck and SGB are trademarks of BrandSafway.

Furthermore, all rights are reserved, particularly with regard to patent grant or utility model registration. The unauthorized use of these materials, of the trademarks contained therein and other intellectual property rights is expressly prohibited and represents an infringement of copyright, trademark rights and other industrial property rights. The illustrations in this brochure depict actual site conditions which may not always conform with applicable safety rules and regulations.

**more safety
more productivity**