PROVEN COATING SOLUTIONS

WITH A RICH HISTORY OF PROVEN EXPERIENCE THAT DATES BACK TO THE 1930s, BREDERO SHAW IS THE PREFERRED PIPELINE-PROTECTION CHOICE OF MAJOR ENERGY INDUSTRY CLIENTS AROUND THE WORLD.

Bredero Shaw is the global leader in pipe coating solutions for the oil, gas and water industries. We offer the widest range of coating solutions in the industry, including anti-corrosion protection, thermal insulation, buoyancy control through concrete weight coatings, mechanical protection, and internal flow efficiency.

Bredero Shaw offers end-to-end anti-corrosion and flow assurance coating solutions by designing and applying a wide range of factory coatings complemented by high performance field joint coating systems. Many of Bredero Shaw’s facilities, as well as its subsidiary ShowCor CSI Services, provide shop-applied custom coatings and field coating services including internal and external coating of bends, fittings, elbows and short spools of pipe.

More than 400,000 km of pipelines around the world are protected by our coating solutions. We have coated both onshore and offshore pipelines in every type of location, environment and installation conditions.

Our facilities are equipped with all the technological resources and proven expertise needed to maintain the highest standards in project execution. These facilities are staffed by the industry’s largest global team of experienced and dedicated pipe coating professionals.

For optimal project response and supply chain logistics, our pipe coating facilities are strategically located in key regions around the world, including the Americas, Europe, the Middle East and Asia Pacific. Project support is managed through our regional and country offices.

Bredero Shaw is also a global leader in the development and management of innovative portable coating technologies. Bredero Shaw maintains a fleet of advanced mobile coating equipment that can be strategically stationed near any oil and gas field, pipeline right-of-way, key marine waterway, rail site or trucking route.

ShowCor is a global energy services company specializing in products and services for the pipelines and petrochemical segments of the oil and gas industry, as well as for other industrial applications. ShowCor operates through its wholly owned businesses and subsidiaries:

- Bredero Shaw, Pipeline Systems, Shaw Pipeline Services, Canusa-CPS, Socothem, Guardian, DSG-Canusa, ShawFlex and Desert NDT. More than 70 manufacturing and service facilities in over 15 countries give ShowCor unrivalled proximity to every major energy producing region around the world.

1930s
- Francis B. Shaw establishes Bredero Shaw Construction, a general construction company in Sarnia, Canada
- Mr. Shaw expands his business to include pipeline contracting
- Bredero Shaw sets up a major enamel and concrete coating facility in Harvey, Louisiana

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1953
- First permanent pipe coating plant opened in Toronto, Canada to service major gas utility company
INTEGRITY
THROUGH PEOPLE AND PROCESSES

Quality
Bredero Shaw is committed to complete customer satisfaction and to being a reliable organization that provides quality products and services. Our approach is based on the understanding that quality is essential to the security and success of our business, employees, customers and community stakeholders. We systematically define and rigorously maintain quality in every aspect of our operations. Significant resources and training programs are devoted to this critical directive, and regular audits drive continual improvement.

The quality of our products and services begins by listening to our customers and conforming to their needs. We comply with all applicable international standards and maintain even higher internal standards in many areas. Our Quality Management System conforms to ISO 9001 and is fully supported by the proven tools of the industry-leading ShawCor Management System.

Every Bredero Shaw employee is responsible for implementing and maintaining effective quality management on a daily basis. This company-wide personal commitment ensures that our colleagues can perform to their full potential, that our products and services deliver as designed and promised, and that our customers get the reliable solutions they pay for and need to succeed in extremely challenging and competitive industries.

Service
Bredero Shaw personnel are highly skilled and experienced in coating project execution and well aware of the business challenges our customers face. We are all dedicated to fully support our customers with all their project requirements.

We provide comprehensive support in the following areas:
- Development of coating specifications and standards
- Procurement and quality assurance of raw materials
- Delivery and stockpiling of bare and coated pipe
- Engineering design for thermal insulation coating systems
- Engineering design, manufacturing and testing of specialized equipment for field joint and custom coating projects
- Pipe coating to applicable industry standards and client specifications
- Logical analysis for optimal supply of coated pipe
- Package, single-source solution including engineering, procurement, pipe coating and delivery
- End-to-end solutions including linepipe, field joints and custom coatings
- HSE performance

ShawCor Management System (SMS)
Launched in 2006, the ShawCor Management System is an industry-leading continuous improvement program that draws upon the best elements of lean manufacturing, Six Sigma, world-class manufacturing systems and our company’s own experience. The SMS integrates these elements with strong leadership and engaged employees to drive excellence in Bredero Shaw’s manufacturing and business processes.

SMS brings our customers multiple benefits including lower project cost, higher quality and better on-time performance, by improving Bredero Shaw’s processes and overall operational efficiency. The continuous improvement in our facilities is assessed through annual internal audits that measure their performance against stringent SMS standards.

We share best practices across all our sites globally and seek flawless execution in everything we do. Through SMS, we set the standard for superior execution and deliver results and value that make us the global leader in our industry.

Values in Action
Incident and Injury Free
We strive to work incident and injury free. The health and safety of our people is not just a priority — it is THE priority.

Trusted Relationships
Trusted relationships with customers, employees, suppliers and owners are critical to our success. Without them, we fail.

Innovation Growth
Innovation is the fuel for our growth and success. Development of new products, processes and technologies (and improving old ones) makes us better every day.

Employee Engagement
The knowledge, skills and passion of our people set us apart from our competition. They are the reason customers trust us.

Sustainable Performance
We define our success over decades, not weeks. While meeting short-term commitments is important, we always consider the long-term impacts of our actions.

Flawless Execution
Customers buy from us because we are safe, reliable and predictable. We deliver what is expected, on time.

1954
• Protective coatings division formed and new coating plant opened in Hamilton, Canada

1959
• Yellow Jacket® coatings, which are applied by extruding polyethylene over a sealant base, are launched

1961
• Shaw Pipe Protection Limited established in Western Canada
• Coating facility established in Tiel and Delfzijl, Holland, and Duisberg, Germany for Mannesman
Health, safety and environmental (HSE)

Bredero Shaw is committed to industry-leading HSE performance with demonstrated continuous improvement.

Our HSE program, along with ShawCor’s overarching corporate HSE policies, provides a safe workplace for all of our employees and visitors. Environmental protection figures prominently in all our business decisions because we know it is crucial to the success of all our customers.

Commitment to an incident and injury free (IIF) workplace

The IIF philosophy is a key value embraced by every member of our organization, and many of our plants have achieved IIF status for extended periods of time.

HSE management system

Our practices are designed to meet or exceed all international standards and client requirements. Our formal HSE management system is considered best in class and includes minimum standards that are applied to all our operations and projects.
EXPERTISE
FOR THE MOST CHALLENGING OPERATIONS

Onshore
Onshore gathering, transmission and distribution pipelines are getting longer as new oil and gas fields are discovered and developed farther from local consumption markets. Onshore pipelines cross a variety of environments, many of them challenging or even extreme—deserts, permafrost regions, mountains.

Offshore
Offshore pipelines are growing in number and length as more and more oil and gas is sourced from offshore fields. These pipelines are also going deeper and have increasingly high operating temperatures.

Oil Sands
As conventional fossil fuel resources become more difficult and expensive to extract, the industry is increasingly focusing on unconventional resources such as the oil sands.

1978
• JV established with British Gas in Leith, Scotland, to coat the massive UK gas field with FBE and internal epoxy
• Built the furthest north coating facility in the Americas in Prudhoe Bay, Alaska to coat BP/Shell’s PMS project with polyurethane

1979
• International Division established by Pipe Protection Group in Houston, Texas
• The first concrete weight coating facility designed and developed

1980
• 30% joint venture in Scotland (MK-Shand & Shaw) to install a fusion bonded epoxy coating and internal lining facility at Ingovik, Scotland for the North Sea pipeline market
• Corporate name changed to Shaw Industries Ltd. from Shaw Pipe Industries Ltd
• Established 180 hectare facility in Surat, Thailand for PTT’s massive Erawan field

1981
• High temperature pipeline isolation systems introduced

1982
• MK-Shand & Shaw joint venture awarded £8 million contract for anti-corrosion and concrete weight coating of 300 km of 20” pipe
• Mobilised enamel and concrete facility in Esbjerg, Denmark for Maersk Enefa Project

1983
• High temperature pipeline isolation systems introduced

1977
• A-S-L Ltd joint venture is established with two other partners to undertake the fusion bonded epoxy coating and double jointing of 774 miles of 48” pipe for a crude oil pipeline across Saudi Arabia

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Technology capabilities

Research and development
Bredero Shaw employs a dedicated Research and Development team of more than 50 engineers and scientists, operating from state-of-the-art R&D facilities in Toronto, Canada, and Orkanger, Norway.

This commitment to research and development makes us the world’s most innovative pipe coating company—with over 240 active patents covering new products and process technologies. Our team of highly-experienced design and testing specialists is fully equipped to determine the best coating solution for any given application.

We support our customers by developing various areas of coating technology and materials:
- Polymer compounding
- Adhesive technology
- Thermal design
- Insulation materials
- Crosslink formulation
- Concrete processing

Advanced testing capabilities
ShawCor’s award-winning Simulated Service Vessel (SSV) is the core component of the new advanced Subsea Test Facility in Toronto, Canada.

The SSV can simulate extreme in-field service conditions including water depths of up to 3,000 m and internal pipe temperature up to 180°C. The vessel can test insulated pipe and full pipe insulation systems—linepipe and field joint coatings, as well as flexible composite pipe and various custom coated subsea structures.

With redundant surface temperature measurement, multiple testing zones, and real-time data acquisition, the SSV accurately measures heat flow, thermal conductivity and mechanical response. Our analysis confirms the thermal efficiency, depth-rating and overall heat transfer-coefficient of the pipe insulation.

The SSV delivers quick and accurate risk assessment and, with immediate input from our design engineers, it enables identification of alternative coating strategies for long-term performance and pipeline integrity.

Whether your pipeline is in the harshest desert or the deepest sea, Bredero Shaw’s coatings will keep it protected.

1984
- Rock Jacket® mechanical protection coating introduced and installed on the GICQ gas pipeline in Quebec
- Mobilized an external and concrete facility in Jubail, Saudi Arabia to perform coating for Aramco’s Marjan Project
1988
- YJ-1 (Yellow Jacket® anti-corrosion coating with a mastic adhesive was launched
- Shaw Pipe Protection secured “Yellow Jacket® and Rock Jacket® coating contract for the 330 km Gladstone Pipeline in Australia
1991
- Large diameter pipe coating plant commissioned in Edmonton, Alberta
1993
- Established R&D coating facility with the Chinese government in Zhanjiang, China to execute Arco/CNOOC huge Yacheng Gas Line
1998
- SSV (Simulated Service Vessel) is the core component of the new advanced Subsea Test Facility in Toronto, Canada
**Product & Service Capabilities**

**Protection & Performance Technologies**

**Bredero Shaw Offers**

*The widest range of coating solutions in the industry, including anti-corrosion protection, thermal insulation, buoyancy control, mechanical protection and internal flow efficiency.*

**Linepipe coatings**

**Anti-corrosion coatings**

**3LPE**
Three Layer Polyethylene (3LPE) consists of a high performance FBE layer followed by a copolymer adhesive and an outer layer of polyethylene which provides tough, durable protection.

**FBE**
Fusion Bonded Epoxy (FBE) is a high performance anti-corrosion coating that provides excellent protection for small and large diameter pipelines with moderate operating temperatures.

**HPPC**
High Performance Powder Coating (HPPC) is designed to protect buried oil and gas pipelines in environments where superior mechanical protection, moisture and corrosion resistance and moderate to high operating performance characteristics are required.

**Yellow Jacket®**
Yellow Jacket® provides external protection for pipe used in the oil and gas and waterworks industries where moderate operating temperatures and good handling capabilities are required.

**3LPP**
Three Layer Polypropylene (3LPP) consists of a high performance FBE layer followed by a copolymer adhesive and an outer layer of polypropylene which provides the toughest, most durable pipe coating solution available.

**Dual Layer FBE**
Dual Layer Abrasion Resistant FBE Systems provide excellent properties for a variety of service applications which may include directional drilling and anti-abrasion for road and river crossings, and elevated temperatures in wet environments and anti-slip applications.

**LAT-FBE**
Low Application Temperature Fusion Bond Epoxy (LAT-FBE) is a plant applied powder coating for strain-based pipeline designs that require a low application temperature.

**PRITEC®**
PRITEC® is a two layer corrosion protection system that combines the proven protective qualities of a polyethylene outer coating with a special butyl rubber adhesive.

**SureBond™ 100**
SureBond™ 100 is a novel anti-corrosion coating composed of a high performance fusion bonded epoxy (FBE) followed by an outer layer of Reinforced Polymeric Coating providing a tough and durable pipe coating solution. SureBond™ 100 systems provide excellent pipeline protection for small and large diameter pipelines with higher than normal operating temperatures.

*SureBond™ 100 is a trademark of ShawCor Ltd.*

**Asphalt Enamel**
Asphalt Enamel (AE) is a plant applied durable coating based on modified bitumen that has been successfully used for many years for corrosion protection of steel pipes.

**YJ2K™**
YJ2K™ was developed for buried oil and gas pipelines in environments where superior adhesion, impact, cathodic disbondment and moderate to high operating temperature properties are required.

**SureBond™ 100**
SureBond™ 100 is a novel anti-corrosion coating composed of a high performance fusion bonded epoxy (FBE) followed by an outer layer of Reinforced Polymeric Coating providing a tough and durable pipe coating solution. SureBond™ 100 systems provide excellent pipeline protection for small and large diameter pipelines with higher than normal operating temperatures.

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Linepipe coatings

**Protective and weight**

**Compression Coat**
Compression Coat is a concrete coating system that uses a side wrap application process and is designed to provide negative buoyancy and mechanical protection for pipelines in subsea and wet environments.

**HeviCote®**
HeviCote® uses an impingement process to apply lightweight, normal weight and heavy weight concrete coatings, making it ideal for large diameter pipelines.

**Rock Jacket®**
Rock Jacket® is a plant applied reinforced concrete pipe coating developed for onshore pipelines routed through rough terrain configurations such as steep slopes and rocky terrain.

**Flow assurance**

**Insul-8®**
The polyurethane foam in the Insul-8® System provides a cost-effective alternative for preventing hydrate formation in gas pipelines, maintaining viscosity of hot oil lines and providing freeze protection for water and sewage lines.

**Pipe-In-Pipe**
Pipe-In-Pipe uses a low density polyurethane foam product applied by either injection moulding or spray application to fill in the annulus between the inner and outer pipe, providing highly efficient insulation performance in both shallow and deepwater applications.

**Thermotite® Deep Foam (TDF)**
Thermotite® Deep Foam (TDF) is a subsea thermal insulation coating that uses a specially formulated polypropylene blend to improve the long-term flow assurance performance of the pipeline.

**Insul-8® AG**
Insul-8® AG is a pre-insulated system for above-ground pipelines. It contains Aspen Aerogels’ Pyrogel insulation material protected by an outer aluminum sheath.

**Insul-8® HT**
Insul-8® High Temperature is a spray applied polyurethane foam coating that provides a cost-effective alternative for maintaining viscosity of hot oil lines, diluent and hot bitumen lines to a maximum temperature of 150°C (302°F).

**Thermoflo®**
Thermoflo® is a polyurethane-based insulation coating designed for offshore flow assurance.

**Thermotite® ULTRA™**
Thermotite® ULTRA™ is an innovative subsea insulation system with unlimited water depth capability, comprising a specially engineered blend of polymeric materials with unique mechanical and thermal properties.

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**Linepipe coatings**

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<th>Year</th>
<th>Event</th>
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| 2001 | • Corporate name changed to ShawCor Ltd. from Shaw Industries Ltd.  
• Over $100 M R&D for new equipment and processes committed by ShawCor to maintain technology leadership position  
• Thermotite A/S from Norway and Commercial Resins from Mexico are acquired by Bredero Shaw |
| 2002 | • Remaining 50% interest in Bredero Shaw acquired by ShawCor from Halliburton |
| 2003 | • Contracts with a total value of US$315 M awarded  
• Thermoflo® ULTRA™ is an innovative subsea insulation system with unlimited water depth capability, comprising a specially engineered blend of polymeric materials with unique mechanical and thermal properties |
Field joint coatings

**Anti-corrosion**

- **FBE**
  Fusion-Bonded Epoxy is a high performance anti-corrosion field joint coating that provides excellent protection for small and large diameter pipelines with moderate operating temperatures.

- **IMPP TF**
  IMPP TF is a high performance polypropylene anti-corrosion field joint coating for offshore pipelines. IMPP TF was developed to create end-to-end anti-corrosion systems in conjunction with our 3LPP linepipe coatings.

- **Half Shells**
  Half Shells are manufactured using various materials – polyurethane, polypropylene, polystyrene – and offer protection to the pipe in the field joint area. They can be bolted or strapped onto the pipe.

**Flow assurance**

- **ThermoFlo®**
  ThermoFlo® is a polyurethane-based insulation field joint coating designed to complement our ThermoFlo® linepipe insulation coatings for offshore pipelines.

- **Thermitite® ULTRA™**
  Thermitite® ULTRA™ is an innovative insulation field joint coating for offshore pipelines. This injection-moulded field joint coating is compatible with our Thermitite® ULTRA™ linepipe insulation coatings.

- **Thermitite® NEMO 1.1**
  Thermitite® NEMO 1.1 is an epoxy-urethane hybrid system, developed for subsea pipeline and structure insulation. The novel molecular architecture provides improved hydrolytic resistance in the subsea environment, whilst ensuring a high level of bonding to adjacent olefinic (Thermitite®), styrenic (Thermitite® ULTRA™) and urethane (ThermoFlo®) based wet insulation systems.

- **Thermitite® NEMO 2.1**
  Thermitite® NEMO 2.1 is a novel epoxy modified olefin system, developed for subsea pipeline and structure insulation. The novel molecular architecture provides excellent hydrolytic resistance in the subsea environment, whilst ensuring a high level of bonding to adjacent olefinic (Thermitite®), styrenic (Thermitite® ULTRA™) and urethane (ThermoFlo®) based wet insulation systems.
PCP and EPDM
PCP (polychloroprene) and EPDM are rubber-based custom coating systems. Both systems can be applied onto straight lengths of pipe, bends, fabricated spools and other custom structures. PCP and EPDM are proven solutions for specialized applications such as splash zones, internal linings for riser clamps, or anti-fouling coating projects.

Fusion-Bonded Epoxy is a high performance anti-corrosion coating that provides excellent protection for various subsea production structures in moderate operating temperature environments.

Fusion-Bonded Epoxy (FBE)
Thermotite® IMPP
Thermotite® IMPP is a proven and technologically advanced polypropylene thermal insulation coating system designed for different production structures to be installed in offshore environments.

Thermotite® NEMO 1.1
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SureFlo™ FEC
SureFlo™ FEC is a proven thin film epoxy coating applied to custom fabricated subsea structures to smooth the internal pipe surface for improved flow.
ShawCor CSI Services is our coating business unit focused on custom corrosion protection and prevention services for the Western Canadian market. Our experienced management teams ensure projects are executed on or ahead of schedule, with improved project economics, HSE performance, while maintaining strict quality standards.

Custom shop coatings
Located in Nisku, AB, Canada, ShawCor CSI Services has more than 2,800 m² (30,000 ft²) of covered work area, as well as significant storage space. Our environmentally friendly facility contains in-floor heating, 60 tons of crane capacity, advanced air handling, and abrasive recycling. This allows us to execute your projects 365 days a year under controlled environmental conditions.

- Internal and external coating of linepipe
- Internal and external coating of bends, spools, and valves
- External coating and internal lining of tanks and vessels
- Equipment painting
- Structural steel painting

Field services
Our advanced mobile units can be quickly mobilized to any project location in Western Canada, where our experienced teams will provide our customers with reliable and practical solutions for all their coating requirements.

- Internal & external tank coatings
- Tank rehabilitation coatings
- Plant shutdown & facility maintenance
- Pipeline integrity digs
- Girth weld coatings
- Pipeline coatings

SureFlo™ FEC
SureFlo™ FEC is a thin film epoxy coating applied in natural gas pipelines to smooth the internal pipe surface for improved flow.

SureFlo™ SF
SureFlo™ SF is a thin film epoxy coating applied in natural gas pipelines to smooth the internal pipe surface for improved flow. SureFlo™ SF is a solvent-free formulation designed to meet strict environmental regulations.

SureFlo™ CML
SureFlo™ Cement Mortar Lining (CML) is a centrifugally applied continuous lining of dense Portland cement mortar with a smooth and uniform finish. This product was developed to provide an economical form of internal corrosion and abrasion protection for oilfield tubulars and linepipe.

WaterGuard™ PU
WaterGuard™ PU is a 100% solids, two component, solvent free, rigid polyurethane protective lining, specifically designed for corrosion and abrasion resistance for the long-term protection of water pipelines. It is compliant with NSF/ANSI 61 (potable water) and AWWA C222 standards.
Mobile coating solutions
Bredero Shaw maintains a fleet of advanced modular coating facilities and equipment that can be strategically stationed near any oil and gas field, pipeline right-of-way, key marine waterway, rail site or trucking route. Mobilization optimizes logistics, improves the economics of large projects, and can qualify for in-country content requirements. It also minimizes coating repairs caused by transportation and handling damage, allowing the pipeline constructor to operate more efficiently.

Brigden™ – the modular anti-corrosion and flow assurance solution
Brigden™ is an innovative modular pipe coating facility developed and managed by a dedicated team of coating application experts. Brigden™ is equipped with integrated facilities for raw materials storage, maintenance, and quality control and testing. Brigden™ is capable of applying a wide range of anti-corrosion linepipe coatings – multi-layered PE/PP systems, FBE, dual layer FBE – as well as technologically advanced flow assurance coating systems such as Thermostar® and Thermostar® ULTRA™.

A Brigden™ mobile facility can be located in-country to meet local content requirements, near a pipe mill or any other location to streamline project logistics and reduce transport and handling costs. It can be quickly assembled and fully operational to meet any demanding schedule.

Mobile concrete coating solutions
Bredero Shaw’s mobile concrete coating plants apply the industry-leading Compression Coat weight coating system in a wide range of thicknesses and densities. The plants also apply our innovative Rock Jacket® mechanical protection concrete coating.

A mobile concrete coating facility can be shipped close to the project site to streamline project logistics and significantly reduce transport and handling costs. It can then be installed and ready to start coating in as quickly as 14 days upon arrival at the site.

Mobile field joint coating solutions
Field joint coating consistency and quality are critical for the integrity of an offshore pipeline’s coating system. Bredero Shaw therefore offers end-to-end coating solutions, including linepipe and field joint coatings.

Bredero Shaw can mobilize its field joint coating equipment and experienced teams to any location required by your project. Our teams and equipment have completed projects both onshore on spoolbases or fabrication yards and offshore on pipeline installation vessels.
Bredero Shaw has the most extensive network of strategically located plants in the industry – all with a wide range of product capabilities. We also regularly mobilize our advanced portable facilities to address the specific needs of remote projects and to increase efficiency.

Whatever service is delivered from a single plant or through a coordinated multi-plant effort for optimized project logistics, our design and manufacturing capabilities combine with unmatched executional expertise to meet any and all client specifications. High capacity across our entire global network gives our clients the advantages of single-source supply, which ultimately provides more cost-effective management of all their pipe coating needs.

Global capabilities and logistics

 Americas
1. 34th Street, Edmonton, Alberta
2. 21st Street, Edmonton, Alberta
3. Camrose, Alberta
4. Nisku, Alberta (ShawCor CSI Services)
5. Regina, Saskatchewan
6. Houston, Texas (Bredero Shaw Head Office)
7. Portland, Oregon
8. Adelanto, California
9. Fontana, California
10. Vineyard, Utah
11. Pearland, Texas
12. Monterrey, Mexico
13. Veracruz, Mexico
14. Coatzacoalcos, Mexico
15. Bala Horizonte, Brasil

 Europe, Middle East, Africa & Russia
16. Leith, Scotland
17. Ellon, Scotland
18. Orkanger, Norway
19. Arkhangelsk, Russia
20. Ras Al Khaimah, UAE

 Asia Pacific
21. Kuantan, Malaysia
22. Kabil, Batam Island, Indonesia

NO MATTER WHERE YOUR PIPELINE PROJECT IS LOCATED, BREDERO SHAW’S COATINGS ARE ALWAYS CLOSE AT HAND.
# RESOURCES & EXPERTISE

## Worldwide Product & Service Capabilities

For unique project requirements and current plant updates consult a Bredero Shaw representative.

### Anti-corrosion coatings

- **3-Layer Polyethylene**
- **3-Layer Polypropylene**
- **Asphalt Enamel**
- **Dual Layer FBE**
- **Fusion Bonded Epoxy (FBE)**
- **HIPE**
- **LAT-FBE**
- **PROTEC**
- **Surebond™ 100**
- **Yellow Jacket®**
- **YJ2K™**
- **Zap-Tec™**

### Protective and weight coatings

- **Compression Coat**
- **Hawtite®**
- **Rock Jacket™**

### Flow assurance coatings

- **Insul-8®**
- **Insul-8® AG**
- **Insul-8® HT**
- **Pipe-in-Pipe**
- **Polychloroprene (PCP and EPDM)**
- **Thermatex®**
- **Thermatex® AG**
- **Thermatex® HT**
- **Thermatex® Deep Foam (TDF)**
- **Thermatex® ULTRA™**

### Field joint coatings

- **Nemo 1.1**
- **Nemo 2.1**
- **Thermatex®** Spool bases – Onshore Multi-jointing sites – Offshore on Pipelaying vessels
- **Thermatex® IMPP** Spool bases – Onshore Multi-jointing sites – Offshore on Pipelaying vessels

### Internal coatings

- **Sureflo™ CML**
- **Sureflo™ FEC**
- **Sureflo™ SF**
- **Waterguard™ PU**

### Custom coatings

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### Plant locations:

- **Americas**
  - 34th Street, Edmonton, Alberta
  - 21st Street, Edmonton, Alberta
  - Nisku, Alberta
  - Camrose, Alberta
  - Regina, Saskatchewan
  - Portland, Oregon
  - Portland, Texas
  - Anchorage, Alaska
  - Coatzacoalcos, Mexico
  - Beverly, Massachusetts
  - Regina, Saskatchewan
  - Portland, Oregon
  - Adelanto, California
  - Pearland, Texas
  - Nisku, Alberta
  - Regina, Saskatchewan

- **Europe, Middle East, Africa & Russia**
  - Kuantan, Malaysia
  - Ras Al Khaimah, UAE
  - Kabil, Batam Island, Indonesia
  - Kuantan, Malaysia
  - Ras Al Khaimah, UAE
  - Kabil, Batam Island, Indonesia
  - Aberdeen, Scotland
  - Leith, Scotland
  - Ellon, Scotland
  - Orkanger, Norway
  - Arkhangelsk, Russia
  - Zeebrugge, Belgium
  - Moscow, Moscow, Russia

- **Asia Pacific**
  - Kuantan, Malaysia
  - Kabil, Batam Island, Indonesia
  - Kuantan, Malaysia
  - Ras Al Khaimah, UAE
  - Kabil, Batam Island, Indonesia
  - Kuantan, Malaysia
  - Ras Al Khaimah, UAE
  - Kabil, Batam Island, Indonesia
  - Ras Al Khaimah, UAE
  - Kabil, Batam Island, Indonesia
  - Ras Al Khaimah, UAE
  - Kabil, Batam Island, Indonesia
  - Ras Al Khaimah, UAE
  - Kabil, Batam Island, Indonesia
  - Ras Al Khaimah, UAE

- **Mobile coating solutions**
  - Beaumont, Texas
  - Mobile concrete solutions
  - Mobile field joint coatings
  - Internal coatings
  - Custom coatings

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<th>Europe, Middle East, Africa &amp; Russia</th>
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<th>Mobile coating solutions</th>
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### Plant capabilities:

Currently available | Available in 2014/2015
The global leader in pipe coating solutions

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