



BREDERO SHAW

A SHAWCOR COMPANY

the
**GLOBAL
LEADER**
in pipe coating solutions.

Kabil, Indonesia

PLANT CAPABILITIES SHEET

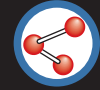
FEATURES AND BENEFITS

Bredero Shaw's Kabil facility is strategically located in the new Kabil Industrial Estate on Batam Island, Indonesia, in order to effectively service clients in the Indonesian and international markets with greater flexibility and minimum transportation costs of bare and coated pipes.

The plant is the only facility in Indonesia leading the way by offering all coating technologies at a single location, from anti-corrosion coating to protective and concrete weight coating, from flow assurance coating to internal coating for pipe up to 1220 mm (48") diameter, which provides a one-stop center to efficiently manage and deliver multiple pipe coating projects.

The Kabil facility is located adjacent to Kabil Offshore Deepwater Port with priority load-in and dedicated load-out facilities within 300 metres from the site, which provides logistical savings and reduces risk of laybarge downtime and demurrage. In addition, a back-up port is located 6 km from Kabil to accommodate vessels greater than 28,000 DWT.

Bredero Shaw is the industry leader in providing a safe and healthy workplace. The Kabil facility has incorporated the latest technology in HSE practices and improved upon the quality control systems that are presently in operation.



Anti-Corrosion Coatings



Protective & Weight Coatings



Flow Assurance Coatings



Internal Coatings

MANUFACTURED PRODUCTS

COATING TYPE	DIAMETER mm (")		LENGTH m (')	
	MIN.	MAX.	MIN.	MAX.
3LPP: Three Layer Polypropylene Coating	50 (2)	1220 (48)	9.5 (31)	18 (60)
3LPE: Three Layer Polyethylene Coating	50 (2)	1220 (48)	9.5 (31)	18 (60)
FBE: Fusion Bonded Epoxy Powder Coating	50 (2)	1220 (48)	9.5 (31)	18 (60)
Dual Layer FBE: Dual Layer Fusion Bonded Epoxy Powder Coating	50 (2)	1220 (48)	9.5 (31)	18 (60)
AE: Asphalt Enamel Pipeline Coating	50 (2)	1220 (48)	9.5 (31)	18 (60)
External Paint: as per client specification	50 (2)	1220 (48)	9.5 (31)	18 (60)
HeviCote®: Concrete Weight Coating	100 (4)	1220 (48)	9.5 (31)	18 (60)
Insulation Coating (PUF): PU foam in PE or metal jacket	100 (4)	1220 (48)	9.5 (31)	18 (60)
Insulation Coating (sPU): Syntactic Polyurethane in sectional moulds	100 (4)	1220 (48)	9.5 (31)	18 (60)
SureFlo® FEC: Thin Film Internal Epoxy Coating	150 (6)	1220 (48)	9.5 (31)	18 (60)
SureFlo® SF: Solvent Free Thin Film Internal Epoxy Coating	150 (6)	1220 (48)	9.5 (31)	18 (60)

LOCATION





Kabil, Indonesia



Plant Contact Information

PT. Bredero Shaw Indonesia
 Jl. Hang Kesturi Kav.3A1,
 Kawasan Industri Terpadu Kabil
 Batam 29467
 Telephone: +62-778-412-275
 Fax: +62-778-412-279 / 412-280

Americas

Bredero Shaw
 A ShawCor Company
 3838 N. Sam Houston Pkwy E.
 Suite 300
 Houston, Texas
 77032-3400, USA
 Telephone: +1-281-886-2350
 Fax: +1-281-886-2353

Shaw Pipe

A ShawCor Company
 Two Executive Place,
 1824 Crowchild Trail, N.W.,
 Calgary, Alberta
 T2M 3Y7, Canada
 Telephone: +1-403-263-2255
 Fax: +1-403-264-3649

Europe/Africa/Russia

Bredero Shaw
 A ShawCor Company
 Imperial Dock
 Leith, Edinburgh, EH6 7DT
 Scotland, UK
 Telephone: +44-131-553-9600
 Fax: +44-131-553-9699

Bredero Shaw Norway

A ShawCor Company
 P.O. Box 214
 N-7301 Orkanger
 Norway
 Telephone: +47-72-46-60-60
 Fax: +47-72-46-60-70

Middle East

Bredero Shaw
 A ShawCor Company
 P.O.Box 1789,
 Suite 402, Al Reem Plaza
 Buhairah Corniche, Sharjah, U.A.E
 Telephone: +971-6-573-7374
 Fax: +971-6-573-7379

Asia Pacific

Bredero Shaw
 A ShawCor Company
 101 Thomson Road
 #17-01/02 United Square
 Singapore 307591
 Telephone: +65-6732-2355
 Fax: +65-6732-9073

www.brederoshaw.com

ACCESS

METHOD DETAILS

Truck	<ul style="list-style-type: none"> PT. Bredero Shaw Indonesia Jl. Hang Kesturi Kav 3A1 Kasawan Industri Terpadu Kabil, Batam, 29467 Indonesia
Marine	<ul style="list-style-type: none"> Kabil Offshore Port is 400 metres from our plant site and has 10 metre water depth capable of handling up to 28,000 DWT vessels. A back up port is located six kms away and has a 14 metre water depth capable of handling 40,000 DWT vessels. Construction of extension to Kabil Offshore Port is in progress, with completion planned for in Q2 2010. The new extension will have two new berths with 12.5 metre water depth capable of handling up to 28,000 DWT vessels. New dedicated load out jetty adjacent to our coating site which has five metre water depth. A dedicated 150 MT crawler crane is located at the load out jetty.

SPECIAL SERVICES

- Rebeveling
- Anode Installation

PARTIAL LIST OF COMPLETED PROJECTS

PROJECT	PRODUCTS	LENGTH (km)	DIAMETER (")	COUNTRY	YEAR
Pluto LNG	FBE, 3LPP, Internal Blast	185	6	Australia	2008
Jambi Merang	FBE & Dual FBE	167	6, 8 & 12	Indonesia	2008
North Belut	3LPP, FBE & Concrete	87	10, 12, 16 & 22	Indonesia	2007
KE38 & Gas Expansion II	AE & Concrete	89	16	Indonesia	2006
South Sumatra to West Java (SSWJ) Phases I & II	Internal, 3LPE & Concrete	Phase I: 380km Phase II: 100km	Phase I: 32 Phase II: 28 & 32	Indonesia	2005-06
APN Development	FBE, AE & Concrete	79	24	Indonesia	2004
Betara Complex Development	FBE, 3LPE, AE & Concrete	139	6, 8 & 10	Indonesia	2003-04
Trunkline System Expansion Pipeline	Internal, AE & Concrete	136	42	Australia	2002-03
Kuala Tungkal to Panaran Offshore	Internal, 3LPE & Concrete	220	28	Indonesia	2002-03
ADGF to Duyong	Internal, FBE, AE & Concrete	125	8, 12, 14 & 18	Natuna Sea, Indonesia	2001-02

APPROVALS & QUALITY ASSURANCE



- Quality System accredited to BS EN ISO 9001:2000

HEALTH & SAFETY



Bredero Shaw is committed to providing a safe and healthy workplace and ensuring that our business activities are conducted in a manner that protects the environment. It is our objective to achieve an Incident and Injury Free workplace, where everyone recognizes that by risking incident or injury, they are putting in jeopardy what they value and those they care for.

BREDERO SHAW: THE GLOBAL LEADER IN PIPE COATING SOLUTIONS

Bredero Shaw is the world leader in pipe coating solutions, with more than 75 years of experience, over 27 global pipe coating facilities and the largest team of technical and service specialists in the business. Bredero Shaw offers technologically advanced solutions for anti-corrosion coatings, protective and weight coatings, thermal flow assurance coatings, internal coatings, custom coatings and field joints for both onshore and offshore applications. This broad range of products and services provides Bredero Shaw with the unique capability to service the full spectrum of pipeline protection and flow assurance requirements. Consult your Bredero Shaw representative for your unique project requirements.

The information contained herein is indicative of the types of coatings provided by Bredero Shaw, and is not intended to be a guarantee that a particular coating will be suitable for a given application. Since many unique environmental, operating, and design conditions must be considered, the user shall determine the suitability of the coating for the intended use and assume all the risks and liabilities in connection therewith. Bredero Shaw's liability is stated in our standard conditions of sale.