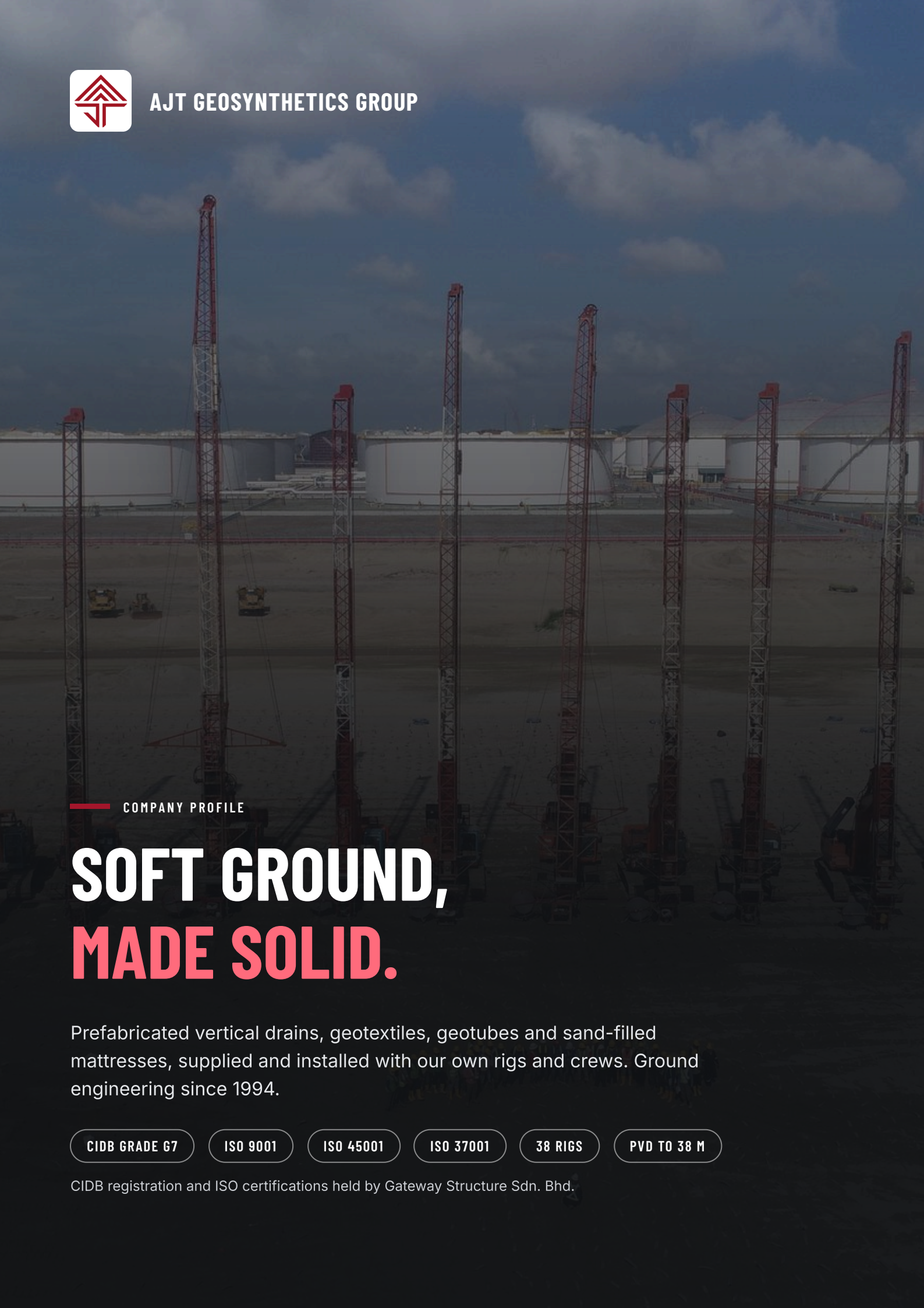


AJT GEOSYNTHETICS GROUP

COMPANY PROFILE

SOFT GROUND, MADE SOLID.

Prefabricated vertical drains, geotextiles, geotubes and sand-filled mattresses, supplied and installed with our own rigs and crews. Ground engineering since 1994.

CIDB GRADE G7 | ISO 9001 | ISO 45001 | ISO 37001 | 38 RIGS | PVD TO 38 M

CIDB registration and ISO certifications held by Gateway Structure Sdn. Bhd.

ABOUT THE GROUP

MATERIAL, MACHINES AND PEOPLE UNDER ONE CONTRACT

AJT Geosynthetics Sdn. Bhd. heads a Malaysian ground-engineering group whose roots go back to 1994 and Gateway Structure Sdn. Bhd., the group's CIDB Grade G7 contractor. AJ Geotechnic followed in 1995, specialising in vertical drains, geotextiles, geotubes and sand-filled mattresses. Gateway Machinery has owned and maintained the group's rigs and plant since 2004.

We supply the geosynthetic material, mobilise our own rigs and put our own trained crews on site. Clients get one programme, one point of contact and one team that answers for the result. We have worked in five countries: Malaysia, Singapore, Indonesia, Bangladesh and Taiwan.



OUR PROMISE

- Rapid mobilisation from an owned fleet
- Every drain logged and every depth recorded

1994	5	38	38 m
Group heritage	Countries	Installation rigs	Max PVD depth

CREDENTIALS: GATEWAY STRUCTURE SDN. BHD.

G7	ISO 9001	ISO 45001	ISO 37001
CIDB Grade G7, no tender limit	Quality management	Occupational health & safety	Anti-bribery management

GROUP COMPANIES

AJT GEOSYNTHETICS SDN. BHD.
Holding company · 201601016844 (1187775-U)

GATEWAY STRUCTURE	AJ GEOTECHNIC	GATEWAY MACHINERY	AJT ENGINEERING
Est. 1994 · CIDB G7	Est. 1995 · Geosynthetics	Est. 2004 · Rigs & plant	Engineering

WHAT WE DO

SUPPLIED AND INSTALLED, END TO END



PREFABRICATED VERTICAL DRAINS (PVD)

Band drains installed by mandrel into soft clay to shorten the drainage path, so consolidation that would take years happens within the construction programme. 38 rigs, installation to 38 m depth, on land or from barges, with every drain's penetration depth recorded.



GEOTEXTILES

Woven and non-woven fabrics for separation, filtration and reinforcement, supplied to specification and installed with correct overlaps, seams and anchorage across even the largest reclamation platforms.



GEOTUBES

High-strength permeable tubes filled with pumped sand, forming breakwaters, containment bunds and revetments, protecting mangroves and beaches, and dewatering dredged material.



SAND-FILLED MATTRESSES

Geotextile mattresses filled with sand to give reclamation a stable, scour-resistant base over soft seabeds, mudflats and riverbanks.



MACHINERY & FLEET

Gateway Machinery owns and maintains our 38 installation rigs, excavators and support plant, with an in-house workshop. Your programme doesn't wait on plant hire.

HOW WE WORK

1 Assess the site investigation and design · **2 Plan** the method statement, shop drawings and submittals · **3 Install** with our own rigs and crews, recording every drain · **4 Verify** with penetration records, QA/QC checks and as-builts.

TRACK RECORD

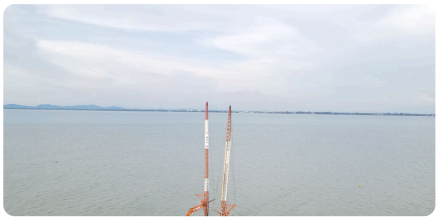
SELECTED PROJECTS



East Coast Rail Link



Penang Second Bridge, Batu Kawan



Seri Tanjung Pinang 2: PVD from barges

PROJECT	LOCATION	SCOPE	CLIENT	YEAR
Westports CT10–CT13 Reclamation	Selangor	PVD	China Communications Construction	2025–26
Limbang & Lawas Airports	Sarawak	PVD & horizontal drains	Kemena Holding	2025–26
Pengerang Biorefinery (SAF)	Johor	PVD supply & install	Keller (M)	2025
Kuantan Maritime Hub	Pahang	Geotube, geotextile, silt curtain	Muhibbah Engineering	2022–26
Seri Tanjung Pinang 2	Penang	PVD from barges, geotube, geotextile	Kerjaya Prospek, CCCC	2021–24
East Coast Rail Link (ECRL)	Pahang / Terengganu / Kelantan	PVD & ground works	CCCC, Ho Hup, Nestcon, Advancecon	2018–25
West Coast Expressway	Selangor / Perak	PVD & geotextile	Gabungan Cekapbina, WCT, Mitrajaya, Ganda Imbuhan, IJM	2015–25
Melaka Gateway Reclamation	Melaka	PVD	Sinohydro	2017–18
Pengerang Reclamation & RAPID	Johor	PVD, geotextile, geogrid	Penta-Ocean, Menta, Gadang	2012–19
MRT Line 2: Serdang Depot	Selangor	Ground works, geocell	TSR Bina	2018
Penang Second Bridge, Pkg 3B	Penang	PVD & geotextile	IJM Construction	2012–13
KLIA2 & LCCT	Selangor	PVD & geotextile	WCT, Suhati, Gadang	2009–13
South Klang Valley Expressway	Selangor	PVD & geotextile	Sunway Construction, MEB, Mitrajaya	2009–17
Port of Tanjung Pelepas	Johor	PVD	Muhibbah, Zelan	2008
Jimah Power Plant	Negeri Sembilan	Geotube, SFM, geotextile	Taisei Corporation	2006–08
Changi Airport incl. T5	Singapore	Geotextile; PVD (T5)	Hyundai E&C, Penta-Ocean	
Medan & Pangkalan Susu	Indonesia	PVD	Waskita Karya, GSI	
Dhaka North Power Plant	Bangladesh	PVD	Alstom	2005
Shilin Technology Park	Taiwan	PVD	Hao Yi Ltd	2019
Tanjung Piai National Park	Johor	Geotube		2004–06

CONTACT

TELL US ABOUT YOUR GROUND

Send your drawings, soil investigation or BQ. We'll come back with a method, a programme and a price for supply and installation.

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OFFICE

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CIDB GRADE G7 | ISO 9001 | ISO 45001 | ISO 37001