



ABOUT US

SkyTech Engineering L.L.C-FZ is a private limited company incorporated in the United Arab Emirates under the Companies Act. We hold Business License Number 2202501.01 and Tax Registration Number 104012628400003.

Business Operations

SkyTech Engineering specializes in providing and manufacturing high-quality geosynthetic materials for various construction projects. Our key operations include:

Supplier of Geosynthetic Materials: Delivering a wide range of geosynthetic products essential for construction applications.

Manufacturing of Geobags and Geotubes: Under our flagship brand WAVEPLUS, we produce geobags and geotubes designed for coastal erosion control, breakwaters, shoreline stabilization, revetments, and more. We also offer comprehensive installation support to ensure optimal performance of our products.

Vertical Garden Solutions: Through our brand SkyGrow, we manufacture innovative vertical garden structures and fabric grow bags, promoting sustainable and aesthetically pleasing landscaping solutions.

Strategic Partnership

SkyTech Engineering proudly serves as the sole agent for:

Ms. Tessilbrenta (Italy): Facilitating the supply of non-woven geotextiles both for regional distribution and our in-house production.

Ms. Daeyoung Geotech Co., Ltd (South Korea): Managing the supply of woven geotextiles for the region and our manufacturing needs.

Production Facilities

All manufacturing activities are conducted at our fully equipped production facility in Sri Lanka, ensuring the highest standards of quality and efficiency in our products.

Capacity

Skytech Engineering LLC-FZ has the capacity to meet diverse project requirements, regardless of scale or complexity. Our advanced manufacturing facilities and streamlined processes enable us to deliver tailored geosynthetic solutions for projects of any size, ensuring consistent quality and timely delivery across all markets.

Markets

Skytech Engineering LLC-FZ serves a wide range of industries across various regions, including the Middle East and GCC countries such as the UAE and Oman. In Asia, our presence extends to Sri Lanka and the Maldives, while in Europe, we have established operations in the United Kingdom. Our reach also includes parts of Africa and the Americas, with key markets in Florida, North Carolina, Louisiana, Puerto Rico, and Brazil.

OUR SUPPLIERS

Sole Agents for TESSILBRENTA SRL of Italy, currently supplying their Non-woven Geotextiles under their brand name GEOTESS



Sole Agents for DAEYOUN GEOTECH CO., LTD of South Korea, currently supplying their Woven Geotextiles under their brand name GEONIA

Sole Agents for Low & Bonar of Belgium, currently supplying their construction Fibers under their brand name ADECOM for various slope protection projects.



Micro irrigation systems & timers from Claber of Italy

BRANDS OF SKYTECH THAT MANUFACTURES

Small Sand containers made from light GeoTextiles Ideal to be used for Slope protection, river bank protection, flood control and for protection barriers.



Waveplus, Geo bags and Geo tubes, ideal to be used for coastal erosion control, breakwaters, shoreline stabilization, and revetment projects.

SkyGrow, Vertical garden structures pave the way to grow in limited spaces and has become an essential item for landscape Architecture in Sri Lanka and all over the world.



GEO BAGS



WavePlus Geo Bags are specially designed to resist sea erosion and preserve the beaches. Geo Bags can withstand powerful waves, thanks to the special bag design which takes up 1 to 5 tons of sand in a single bag. These bags are extremely durable in the marine environment exposed to heavy sunlight. WavePlus Geo bags are manufactured using UV stabilized Non-woven geotextile of 1000 to 1200 gsm.

ECO FRIENDLY

Geo Bags are environmentally friendly, as can be evidenced by the activities of various species of "crustaceans" and "seaweeds" that start to grow on the surface of bags in no time!

ENHANCED STRENGTH AND DURABILITY

Bag materials are purpose-built in Italy, with a special UV cover and made of 1000 to 1200 gsm Virgin Quality Polypropylene fabric that has a strength of more than 80,000N/m which is extremely strong and durable.

HEAVY WAVE RESISTANCE

Thanks to the special bag design, wave pressure is perfectly absorbed when a "Geo Bag Revetment" or a dam is built.

NOT LOST IN TIDES

The bags will not get washed away by heavy waves over time, as each bag contains 1 to 5 tons of sand.

WELL BALANCED WITH OPTIMAL GROUND FRICTION

The bottom of a Geo Bag takes the shape of the ground surface so it will adjust itself to any type of surface, optimizing its balance and friction with the ground.

COST EFFECTIVENESS

When compared with other existing solutions such as rock boulder applications for coastal protection, Geo Bags are very economical.

EASILY TRANSPORTABLE WITH INSTALLATION ASSISTANCE

Very easy to transport because filling is done at the site. We dispatch our product along with the technical expertise to help with the installation to ensure correct and efficient usage of the product.

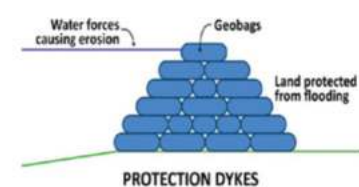
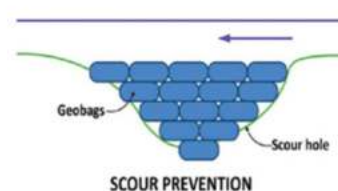
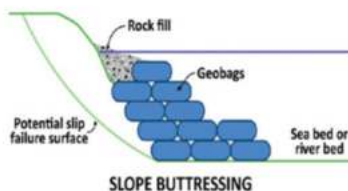
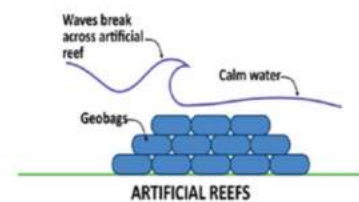
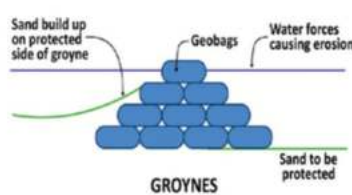
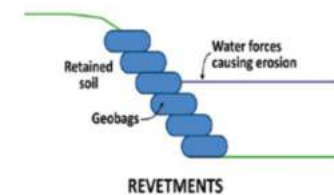
EASY BAG CLOSING METHOD

The bag closing method has become very simple due to the special bag design.



Models	WavePlus 201	WavePlus 215	WavePlus 302
Dimensions of Geo Bag (WxL)	200cm x 100cm	200cm x 150cm	300cm x 200cm
Fabric Material	UV Stabilized Nonwoven 1000GSM, PP Fabric with an average tensile strength of 80kN/m (ISO 10319) Made in Italy		
Thread	UV Stabilized Polyester thread with a breaking strength of 120N Made in Spain		
Bag Closing	Lace Closing		

TYPES & APPLICATIONS



GEO TUBES

WavePlus Geo Tubes are manufactured using high-strength PP yarn/polyester multifilament Geotextiles, that are extremely strong and highly permeable. These Geo tubes are used for the construction of Breakwaters, Groins, Revetments and Temporary jetty projects. Further, WavePlus Geo tube also can be used in dewatering projects.

Geo tubes are generally filled with in-situ solids using a Slurry pump, a Dredger or a Funnel. Thanks to the Highly permeable Geotextile material used in the WavePlus Geo tube, excess water is efficiently drained out whilst the sand/solid is retained.

APPLICATIONS & MECHANICAL PROPERTIES



APPLICATIONS
Breakwater
Dewatering
Cofferdam
Costal dune protection
Sewage treatment

Properties	Test Method	Units	HT 100x100	HT 200x200
Strength @ Ultimate (MD)	ISO 10319	kN/m	100	200
Strength @ Ultimate (CD)	ISO 10319	kN/m	100	200
Elongation (MD/CD)	ISO 10319	%	10±1/8±1	12±1/8±1
CBR Puncture	ISO 12236	kN	13	22
Pore Open Size O90	ASTM D4751	mm	0.45	0.40
Water Flow Rate	ISO 11058	l/m ² /s	15-20	15
UV Resistance at 500 hours	ASTM D 4355	% retained	85	85
Factory Seam Strength on Cir.	ISO 10321	kN/m	70	170
Color	Black			

WORK PROCEDURE

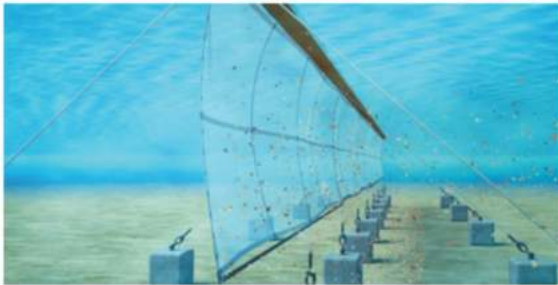


Silt Protector

The Silt Protector is a silt fence installed in water to prevent the spread of environmental contaminants caused by coastal and riverside construction activities.

It helps preserve the natural environment and protect marine resources. By enclosing a specific water zone using a high-strength woven geotextile, soil particles generated in the area are contained and allowed to settle, effectively preventing the leakage and spread of silt-laden water.

APPLICATIONS & MECHANICAL PROPERTIES



Applications
Protection of sea farming area
Prevention of pollution from reclamation work
Prevention of pollution from revetment

Category	Standard	Unit	DSP15	DSP20	DSP25	DSP30	DSP40	DSP50
Mechanical Properties								
Tensile Strength (MD)	ISO 10319	kN/m	≥ 150	≥ 200	≥ 250	≥ 300	≥ 400	≥ 500
Tensile Strength (CD)	ISO 10319	kN/m	≥ 150	≥ 200	≥ 250	≥ 300	≥ 400	≥ 500
Tensile Elongation (MD)		%	≤ 20	≤ 20	≤ 20	≤ 20	≤ 20	≤ 20
Tensile Elongation (CD)		%	≤ 20	≤ 20	≤ 20	≤ 20	≤ 20	≤ 20
Puncture Resistance Strength (CBR)	ISO 7771	%	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2
Hydraulic Properties								
Flux (h:50mm)	ISO 11058	l/m ² /sec	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
Permittivity (h:50mm)	ISO 11058	S ⁻¹	≥ 0.02	≥ 0.02	≥ 0.02	≥ 0.02	≥ 0.02	≥ 0.02
Material & Size								
Material of Fabric			High Strength Polyester					
Float Size		mm	300–500	300–500	300–500	300–500	300–500	300–500

WORK PROCEDURE

1. Transportation from Jetty



2. Silt Protector Installation



3. Tonbag Anchor Installation



BUSINESS REGISTRATION



BUSINESS LICENSE

رخصة تجارية

License Number	2202501.01	رقم الرخصة
Company Name	SKYTECH ENGINEERING L.L.C-FZ	اسم الشركة
Company Type	Limited Liability Company	الشكل القانوني
Formation Number	2202501	رقم التأسيس
Address	Meydan Grandstand, 6th floor, Meydan Road, Nad Al Sheba, Dubai, U.A.E.	العنوان
Issue Date	27/06/2022	تاريخ الرخصة
Expiry Date	26/06/2025	تاريخ الانتهاء
Managers	Thijaya Chinthaka Vitharana	المديرين
Activities	Wholesale of flowers and plants	الأنشطة
	Code 4620.03	نوع الزهور والنباتات بالحمتلة

Relevant authorities' approval must be obtained prior to conducting applicable business activities. الحصول على موافقة السلطات المختصة إلزامي لممارسة الأعمال المرخصة.



Issued under the Meydan - Free Zone regulations. This is an approved electronic document, issued without signature. To verify this document kindly scan the QR code. تم إصدار هذه الرخصة وفقاً لوائح منطقة الحرة. المستند إلكتروني معتمد، يصدر بدون توقيع. للتحقق من صحة هذا المستند يرجى مسح رمز الاستجابة السريعة.

TAX REGISTRATION

الهيئة الاتحادية للضرائب
FEDERAL TAX AUTHORITY



Certificate of Registration for Value Added Tax in the United Arab Emirates Issued under the authority allocated by Art. 4 of the Federal Decree-Law No. 13 of 2016

The Federal Tax Authority certifies that the entity below is a registered person for Value Added Tax in the UAE

Tax Registration Number	104012628400003	رقم التسجيل الضريبي
Legal Name of Entity (Arabic)	سكايتيك انجنييرنج ل.ل.م.ح.م. منطقة حرة	الاسم القانوني للشخص (باللغة العربية)
Legal Name of Entity (English)	SKYTECH ENGINEERING L.L.C-FZ	الاسم القانوني للشخص (باللغة الانجليزية)
Registered Address, and Contact Number	Business Center 1, M Floor The Meydan Hotel, Nad Al Sheba, Dubai, 0000, +971523844452	العنوان لتسجيل رقم الترخيص
Effective Registration Date	01/01/2023	تاريخ التسجيل الضريبي
First VAT Return Period	01/01/2023 - 31/03/2023	فترة أول إقرار ضريبة القيمة المضافة
First VAT Return	28/04/2023	تاريخ استكمال الإقرار الضريبي للفترة المضافة
Start and end dates of Tax periods	1st Apr to 30th Jun, 1st Jul to 30th Sep, 1st Oct to 31st Dec, 1st Jan to 31st Mar	تواريخ بدء وانتهاء الفترات الضريبية

List of sole establishments and branches under the registered taxable person:

Legal Name	Licensing Authority	License Number/رقم الرخصة	نوع الترخيص	الاسم القانوني
SKYTECH ENGINEERING L.L.C-FZ	Meydan Free Zone	2202501.01	النشطة التجارية في ميدان	سكايتيك انجنييرنج ل.ل.م.ح.م. منطقة حرة

يرجى التأكيد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الأسس التي حصلت فيها على رقم التسجيل الضريبي الخاص بك.

*Please check that the details on this certificate are correct. You must inform the Federal Tax Authority of any change on the basis of which you obtained your Tax Registration Number.

Date of Issue 04/03/2023 تاريخ الإصدار



Version Number 2023/VAT/000000003/001

رقم الإصدار

ISO CERTIFICATE

Bureau Veritas Certification

SKYTECH ENGINEERING (PVT) LTD

NO 23, 1st CROSS LANE, OFF TEMPLERS ROAD, MOUNT LAVINIA, SRI LANKA.

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System Standard detailed below.

Standard

ISO 9001:2015

Scope of certification

MANUFACTURING OF GEO BAGS, GROW BAGS & PRE-FABRICATED VERTICAL GARDEN STRUCTURES, CONSTRUCTION OF GEO BAG REVETMENTS & VERTICAL GARDENS AND TRADERS OF GEOSYNTHETICS & MICRO IRRIGATION SYSTEMS

Original cycle start date:	28 October 2021
Expiry date of previous cycle:	Not Applicable
Certification Audit date:	02 October 2021
Certification cycle start date:	28 October 2021

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 27 October 2024

Certificate No. IND.21.6367/QMJU Version: 1 Revision date: 28 October 2021

Signed on behalf of BVCH SAS UK Branch
Jagdishesh N. BANJAN
Head - CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

Certification body address: 38, Floor 38, Prescot Street, London, E1 4JG, United Kingdom
Local office: Bureau Veritas Lanka (Pvt) Ltd, # 26, Senaka, Anuradhapura, Sri Lanka - 101, Colombo-12, Sri Lanka

UKAS
5038

Further information regarding the scope of this certificate and the applicability of the management system requirements may be obtained by contacting the organization. To check the certificate validity please visit: www.bv.com

PROJECT EXPERIENCE >>>

CHILAW REVETMENT PROJECT- SRI LANKA



GINOYA NAINAMADAMA BANK PROJECT WITH LAND DEVELOPMENT



MEEWELLA TAO HOTEL MARAWILA- LAND DEVELOPMENT-



DEDURUOYA BANK RECONSTRUCTION PROJECT



GUNSAN PROJECT



SAEMANGUM PROJECT



YEOUNGDONG POWER PLANT PROJECT



Contact Us

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