



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
Manila



April 1, 2024

Mr. AGEO JUSTINE R. ANGELES

Technical Manager, Cyanclay
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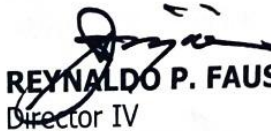
Dear Mr. Angeles:

This has reference to your letter dated March 25, 2024 requesting for accreditation of your product, **CCI Woven Geotextile**, a geosynthetic material made of polypropylene for possible use in DPWH infrastructure projects.

Be informed that the said product does not need to undergo our Product Accreditation Scheme (PAS) inasmuch as it is already covered by Item 715 – Geotextiles of the DPWH Standards Specification for Highways, Bridges and Airports, Volume II, 2012 Edition. However, like any other construction materials, said product must be subjected to the usual quality test and must pass the specification requirements of the said Item prior to incorporation into the works. It is advised that you present your product to various DPWH Project Implementing Offices for their information and possible inclusion in their applicable infrastructure projects.

Further, you may register at the Philippine Government Electronic Procurement System (PhilGEPS) as one of the prospective bidders/suppliers in case the need of said product arises in the future.

Very truly yours,


REYNALDO P. FAUSTINO
Director IV

Bureau of Research and Standards

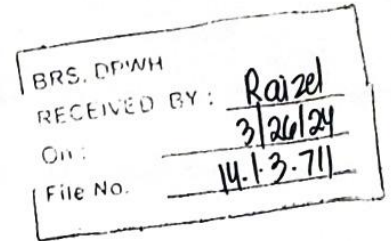
14.1.1 LDA/TDV/JDV



909 Highstreet South Corporate Plaza 1
26th St corner 9th Ave. BCG,
Taguig City, Philippines 1634

March 25, 2024

MR. REYNALDO FAUSTINO
Director
Bureau of Research and Standard
Department of Public Works and Highways
Quezon City, Metro Manila



SUBJECT: LETTER OF INTENT FOR PRODUCT CERTIFICATION – WOVEN GEOTEXTILE

Dear **SIR**,

I am writing this letter on behalf of Cyanclay Inc. to express our intent to pursue product accreditation and certification through your esteemed organization. We firmly believe that obtaining accreditation for our products aligns with our commitment to delivering high-quality and compliant products to our customers.

CCI Woven Geotextile is a kind of geosynthetic material made of polypropylene. This product is widely used in hydraulic engineering, power engineering, harbor, railway, etc. It is used mainly in roads, railways, airports, and etc.

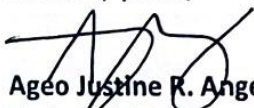
By seeking accreditation, we aim to provide our customers with tangible evidence of the quality, reliability, and safety of our products. It will enable us as well to demonstrate our compliance with recognized industry standards and enhance our credibility within the market.

As part of our commitment to the accreditation process, we have attached a copy of our Technical Data Sheet for your reference and evaluation. We are prepared to work closely with your organization to fulfill any additional requirements, undergo audits, and participate in any necessary training or assessments.

We appreciate your kind consideration and we look forward to the opportunity to work with your office to achieve our product accreditation. Should you have any concerns, please do not hesitate to contact us through our office number +63 7340 8664, or thru our business mobile +63 917 579 0055.

Thank you.

Sincerely yours,


Ageo Justine R. Angeles
Technical Manager

CCI WOVEN GEOTEXTILE

SPLIT YARN (FLAT SILK) PP WOVEN GEOTEXTILE



PRODUCT DESCRIPTION:

Woven Geotextile is a kind of geosynthetic material made of polypropylene. This product is widely used in hydraulic engineering, power engineering, harbor, railway, etc.

PRODUCT FEATURES:

- **High Flexibility** – It will keep good flexibility both when it is dry or wet due to its material – plastic flat wire.
- **Anti-corrosion** – It can keep good anti-corrosion performance even in soil or water with different pH values.
- **Good water permeability** – It has good water permeability because of the space between the flat tires.
- **Antimicrobial property** – Protecting itself from the damage of the microorganisms or worms.
- **Easy Installation** – Because it is light and soft, it is easy to install and transport.

APPLICATION:

- **Reinforcement Function** – it is used in rock projects such as roads, railways, airports, stone dams, anti-slope embankments, retaining walls, backfills, and side tombs to disperse soil stress, increase soil modulus, limit soil slip, and improve stability.
- **Protective Function** – Keep the dam from the damage of wind, wave, tide or rain. Also, prevent erosion of soil.
- **Filtering Function** – Prevent the flowing through of sand or soil but water and air can freely get through.

SPECIFICATION:

BT20-15, BT30-42, BT40-28, BT50-35, BT60-42

SIZE OF PACKAGE:

Width 2-6m, Length 50-100m (or per request)

STORAGE:

- It must be stored in original package.
- Stored in dry conditions, protected from direct sunlight, and other environmental condition.

Technical Specification of plastic yarn woven geotextiles (GB/T 17690-1999)

Item	Values						
Specification	20-15	30-22	40-28	50-35	60-42	80-56	100-70
Breakage Strength (Machine Direction), kN/m	20	30	40	50	60	80	100
Breakage Strength (Cross Machine Direction), kN/m	15	22	28	35	42	56	70
Elongation Rate, %	28						
Trapezoidal Tearing Strength, kN	0.3	0.45	0.5	0.6	0.75	1	1.2
Burst Strength, kN	1.6	2.4	3.2	4.0	4.8	6.0	7.5
Vertical Permeability Coefficient, cm/s	$10^{-1}-10^{-3}$						
Sieve Size, mm	0.08-0.5						
Unit Weight, g/m ²	120	160	200	240	280	340	400
Variation, %	±10						