

COMPANY PROFILE



**Coconut
Peat
Indonesia**



**Coconut
Peat
Indonesia**



**100%
Indonesia
Origin**

**100%
Indonesia
Coconut-Based
Material**

**100%
Indonesia
Premium Quality
Standard**



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Who We Are and What We Do

Alam Bumi Resources Group (PT. Alam Bumi Sumberdaya), part of Straits Group International Resources Pte. Ltd. in Singapore, operates within an integrated supply network specializing in coconut-based industrial and consumer products.

We manage a structured sourcing, processing, and distribution network across Indonesia, ensuring consistent supply, controlled quality, and scalable delivery.

Our portfolio covers a wide range of coconut-derived products, serving diverse industries across both domestic and international markets.



Our Integrated Capabilities



Our operations are structured across a fully integrated value chain:

1. Raw Material Sourcing

Direct sourcing of coconut-based raw materials from key producing regions across Indonesia, ensuring consistency and availability.

2. Supply Network Integration

Coordination with verified suppliers and processing partners to maintain scalable and stable supply capacity.

3. Primary Processing

Initial processing including drying, extraction, carbonization, fiber separation, and other product-specific treatments.

4. Product Processing & Standardization

Refining, grading, sizing, and customization according to international specifications and buyer requirements.

5. Quality Control System

Continuous monitoring, laboratory testing, and batch validation to ensure product consistency and compliance.

6. Packaging & Export Handling

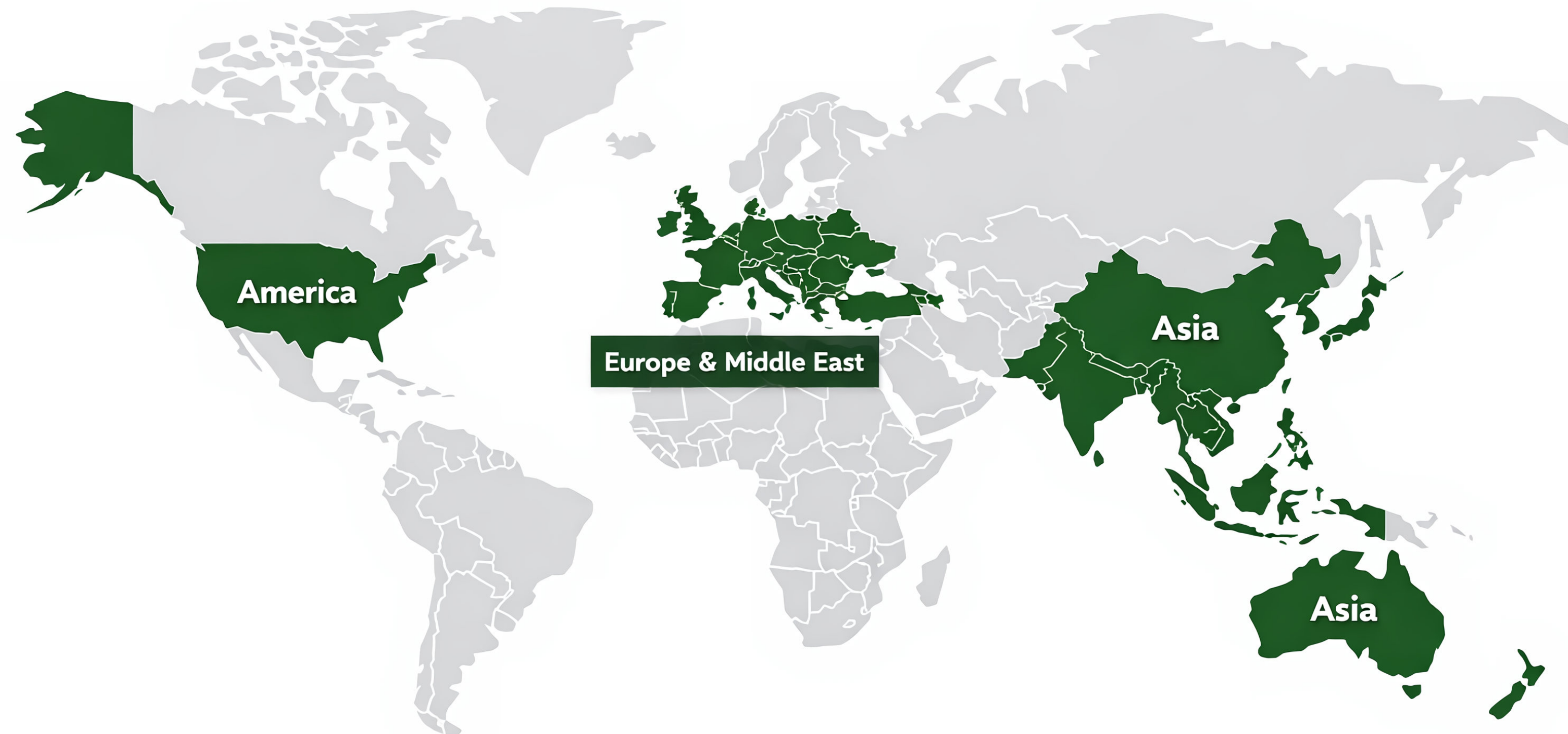
Handling of bulk and retail packaging, container loading, and export documentation in accordance with international standards

7. Global Distribution Network

Efficient distribution to both domestic and international markets, supported by a well-coordinated logistics system and reliable delivery network.



A Global Distribution Network reaching over 30
countries, across all continents Coverage
across Asia, Middle East, Europe, and America



ABR Group in Numbers



Supply Capacity
50.000+ mt



Active Suppliers
& Farmers
150+



Employees
1.000+



Global Distribution
Countries
30+



Export Shipment
2.000+



Indonesia Coconut Peat Products



Washed Cocopeat
(Low EC Grade)



Unwashed Cocopeat
(High EC Grade)



Buffered Cocopeat



Compressed Cocopeat
Blocks



Cocopeat Grow
Bags



Cocopeat Disc
(Seed Starter)



Coconut Husk
Chips



Coco Fiber
(Coir Fiber)



Coco Fiber Sheets/
Mats



Coir Rope/Twine



Coir Geotextile &
Erosion Control



Industrial Coco-Based
Materials



Washed Cocopeat (Low EC Grade)

Washed Cocopeat (Low EC Grade) is a premium growing medium derived from coconut husk, processed through advanced washing and buffering methods to achieve low electrical conductivity (EC). Carefully cleaned and refined, this product ensures minimal salt content, making it highly suitable for sensitive crops and precision agriculture systems. Compared to unprocessed cocopeat, low EC cocopeat offers superior root development, better nutrient absorption, and consistent performance in modern horticulture and hydroponic applications.

Characteristics

- Low EC Level:** Reduced salt content for optimal plant growth
- Water Retention:** moisture holding capacity for root hydration
- Structure:** A loose, well-aerated medium for healthy root development
- Purity:** Washed and free from excess impurities and contaminants
- Performance:** Consistent and reliable for commercial cultivation

Spesification

- Form:** Loose / Compressed Block / Grow Bag
- EC Level:** Low EC (≤ 0.5 mS/cm or customized)
- Moisture:** Max 15% (before compression)
- pH Level:** 5.5 – 6.8
- Expansion Ratio:** High (up to 5–7 times)
- Packaging:** 5 kg compressed block / Grow bag / Jumbo bag / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Decortication / Washing (Low EC process) / Drying / Compression
- Application:** Hydroponics, greenhouse, horticulture, commercial farming
- Production Area:** Indonesia
- Quality Control:** Washed, tested & batch controlled
- Usage Type:** Agricultural growing medium
- Export Standard:** International horticulture compliance

Unwashed Cocopeat (High EC Grade)

Unwashed Cocopeat (High EC Grade) is a natural growing medium derived from coconut husk, processed without intensive washing to retain its original mineral and salt content. This product is widely used for general horticulture, soil conditioning, and applications where higher electrical conductivity (EC) is acceptable or preferred. With its natural structure and high water retention capacity, unwashed cocopeat offers an economical and versatile solution for large-scale agricultural and landscaping use.

Characteristics

- EC Level:** High EC with natural mineral content retained
- Water Retention:** Excellent moisture holding capacity
- Structure:** A loose and well-aerated medium for root support
- Purity:** Natural composition with minimal processing
- Performance:** Cost-effective solution for general agricultural use

Spesification

- Form:** Loose / Compressed Block / Grow Bag
- EC Level:** High EC (> 0.8 – 1.5 mS/cm or customized)
- Moisture:** Max 15% (before compression)
- pH Level:** 5.5 – 6.8
- Expansion Ratio:** High (up to 5–7 times)
- Packaging:** 5 kg compressed block / Grow bag / Jumbo bag / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Decortication / Screening / Drying / Compression
- Application:** General horticulture, soil conditioning, landscaping, nursery
- Production Area:** Indonesia
- Quality Control:** Screened & batch controlled
- Usage Type:** Agricultural growing medium
- Export Standard:** International horticulture compliance



Buffered Cocopeat

Buffered Cocopeat is a premium-grade growing medium derived from coconut husk, processed through washing and calcium buffering to remove excess sodium and potassium while stabilizing its cation exchange capacity (CEC). This advanced treatment ensures optimal nutrient balance and prevents nutrient lockout, making it highly suitable for high-value crops and precision agriculture systems. Compared to standard cocopeat, buffered cocopeat delivers superior root development, consistent EC stability, and enhanced nutrient uptake efficiency.

Characteristics

- Buffered Treatment:** Calcium-buffered to remove excess salts (Na & K)
- EC Stability:** Controlled EC level for optimal nutrient management
- Water Retention:** High moisture holding capacity with excellent drainage
- Structure:** A loose, well-aerated medium for strong root development
- Performance:** Ideal for sensitive crops and high-performance cultivation

Spesification

- Form:** Loose / Compressed Block / Grow Bag
- EC Level:** Low to medium EC (customized based on buffering level)
- Moisture:** Max 15% (before compression)
- pH Level:** 5.5 – 6.5
- CEC:** High cation exchange capacity
- Expansion Ratio:** High (up to 5–7 times)
- Packaging:** 5 kg compressed block / Grow bag / Jumbo bag / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Decortication / Washing / Calcium Buffering / Drying / Compression
- Application:** Hydroponics, greenhouse, horticulture, high-value crops
- Production Area:** Indonesia
- Quality Control:** Buffered, tested & batch controlled
- Usage Type:** Agricultural growing medium
- Export Standard:** International horticulture compliance



Compressed Cocopeat Blocks

Compressed Cocopeat Blocks are high-efficiency growing media made from processed coconut husk, compressed into compact blocks for optimized storage and transportation. Engineered for convenience and scalability, these blocks expand significantly when hydrated, providing a loose, well-aerated medium suitable for various agricultural applications. Compared to loose cocopeat, compressed blocks offer superior logistics efficiency, consistent quality, and ease of handling for large-scale distribution and use.

Characteristics

Compression Efficiency: Highly compact for optimized storage and transport

Expansion: Expands up to 5–7 times when hydrated

Water Retention: Excellent moisture holding capacity

Structure: A loose and well-aerated for healthy root growth

Performance: Consistent and easy-to-use for commercial applications

Spesification

Form: Compressed Block (Standard 5 kg / Customized)

Expansion Ratio: 5–7 times volume expansion

Moisture: Max 15% (before compression)

pH Level: 5.5 – 6.8

EC Level: Standard / Low EC / High EC (customized)

Packaging: Palletized / Jumbo bag / Container loading / Custom

Description Scheme

Raw Material: Coconut Husk

Processing Method: Decortication / Drying / Compression

Application: Hydroponics, greenhouse, horticulture, soil conditioning

Production Area: Indonesia

Quality Control: Graded, compressed & batch controlled

Usage Type: Agricultural growing medium

Export Standard: International horticulture compliance



Cocopeat Grow Bags

Cocopeat Grow Bags are ready-to-use planting systems made from high-quality cocopeat, designed for efficient and controlled cultivation. Pre-filled and compressed into durable bags, this product provides a clean, consistent, and easy-to-use growing medium for modern agriculture. Compared to traditional soil methods, cocopeat grow bags offer better water management, improved root aeration, and reduced risk of soil-borne diseases, making them ideal for greenhouse and hydroponic farming.

Characteristics

- Ready-to-Use:** Pre-filled and prepared for direct planting
- Water Retention:** Excellent moisture holding capacity
- Structure:** A loose and well-aerated medium for strong root growth
- Clean Medium:** Reduced risk of pests and soil-borne diseases
- Performance:** Consistent and efficient for commercial cultivation

Spesification

- Form:** Pre-filled Grow Bag (various sizes available)
- Material:** Cocopeat (Low EC / Buffered / Customized)
- Moisture:** Optimized for planting use
- pH Level:** 5.5 – 6.8
- EC Level:** Customized based on crop requirements
- Size:** Standard / Customized (length, width, thickness)
- Packaging:** Palletized / Container loading / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Decortication / Washing (optional) / Filling / Compression / Packing
- Application:** Greenhouse, hydroponics, horticulture, commercial farming
- Production Area:** Indonesia
- Quality Control:** Prepared, tested & batch controlled
- Usage Type:** Ready-to-use growing system
- Export Standard:** International horticulture compliance



Cocopeat Disc (Seed Starter)

Cocopeat Disc (Seed Starter) is a compact and efficient growing medium made from high-quality cocopeat, specially designed for seed germination and early plant development. Compressed into small discs, it expands rapidly when hydrated, providing a clean, uniform, and controlled environment for seedlings. Compared to traditional soil methods, cocopeat discs offer better moisture control, improved aeration, and a hygienic medium that supports consistent and healthy plant growth.

Characteristics

- Seed Germination:** Optimized for fast and uniform seed sprouting
- Expansion:** Rapid expansion when hydrated
- Water Retention:** Excellent moisture holding capacity
- Structure:** Loose and well-aerated medium for root development
- Clean Medium:** Reduced risk of pests and soil-borne diseases
- Performance:** Consistent and reliable for nursery applications

Spesification

- Form:** Compressed Disc (Expandable)
- Size:** Customized (Diameter & Thickness)
- Expansion Ratio:** High (expands several times when hydrated)
- Moisture:** Low (before expansion)
- pH Level:** 5.5 – 6.8
- EC Level:** Low EC (suitable for seedlings)
- Packaging:** Bulk / Box / Carton / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Decortication / Washing / Drying / Compression
- Application:** Seed starting, nursery, horticulture, home gardening
- Production Area:** Indonesia
- Quality Control:** Selected, compressed & batch controlled
- Usage Type:** Seed germination medium
- Export Standard:** International horticulture compliance



Coconut Husk Chips

Coconut Husk Chips are a natural growing medium derived from coconut husk, processed into coarse chips to provide excellent aeration and drainage properties. Known for their durability and long-lasting structure, these chips are widely used in horticulture, hydroponics, and orchid cultivation. Compared to finer cocopeat, husk chips offer superior airflow and root support, making them ideal for plants that require well-drained growing conditions.

Characteristics

- Aeration:** Excellent airflow for healthy root development
- Drainage:** Superior drainage properties to prevent waterlogging
- Structure:** Coarse and durable chips for long-term use
- Water Retention:** Balanced moisture retention and drainage
- Performance:** Suitable for orchids, hydroponics, and specialty crops

Spesification

- Form:** Husk Chips (Coarse / Medium / Fine / Customized)
- Size:** 5–25 mm (customizable)
- Moisture:** Max 15%
- pH Level:** 5.5 – 6.8
- EC Level:** Standard / Low EC (washed) / High EC (unwashed)
- Packaging:** 25 kg bag / Jumbo bag / Compressed block / Custom

Description Scheme

- Raw Material:** Coconut Husk (Indonesia origin)
- Processing Method:** Cutting / Screening / Washing (optional) / Drying
- Application:** Orchid growing, hydroponics, horticulture, soil conditioning
- Production Area:** Indonesia
- Quality Control:** Screened, graded & batch controlled
- Usage Type:** Agricultural growing medium
- Export Standard:** International horticulture compliance



Coco Fiber (Coir Fiber)

Coco Fiber (Coir Fiber) is a natural fiber extracted from coconut husk, known for its strength, durability, and versatility across various industrial applications. Processed through decortication and cleaning, this fiber offers excellent resilience, breathability, and eco-friendly characteristics. Compared to synthetic fibers, coir fiber provides a sustainable and biodegradable alternative, widely used in manufacturing, agriculture, and construction industries.

Characteristics

- Strength:** High tensile strength and durable natural fiber
- Resilience:** Excellent flexibility and long-lasting performance
- Breathability:** Good air circulation properties
- Eco-Friendly:** 100% natural, biodegradable, and sustainable
- Performance:** Reliable for industrial and agricultural applications

Spesification

- Form:** Loose Fiber / Baled Fiber / Customized
- Length:** Short / Medium / Long Fiber (customized)
- Moisture:** Max 15%
- Color:** Golden brown to dark brown
- Impurity:** Low (cleaned and processed)
- Packaging:** Baled / Compressed / Jumbo bag / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Decortication / Fiber Extraction / Cleaning / Drying
- Application:** Mattress & upholstery, rope, geotextile, erosion control, automotive, construction
- Production Area:** Indonesia
- Quality Control:** Cleaned, graded & batch controlled
- Usage Type:** Industrial raw material
- Export Standard:** International specification compliance



Coco Fiber Sheets/Mats

Coco Fiber Sheets / Mats are engineered natural fiber products made from compressed and woven coconut coir fiber, designed for durability and environmental applications. With strong structural integrity and excellent water retention capabilities, these mats are widely used in erosion control, landscaping, and geotextile solutions. Compared to synthetic materials, coir mats provide a biodegradable and eco-friendly alternative that supports soil stabilization and vegetation growth.

Characteristics

- Strength:** High tensile strength for soil stabilization
- Durability:** Long-lasting natural fiber structure
- Water Retention:** Helps retain moisture and support plant growth
- Eco-Friendly:** 100% biodegradable and sustainable material
- Performance:** Effective for erosion control and landscaping applications

Spesification

- Form:** Sheets / Mats / Rolls (Customized)
- Thickness:** Customized based on application
- Density:** Medium to high density (customizable)
- Fiber Type:** Coir fiber (natural coconut fiber)
- Color:** Natural brown
- Packaging:** Rolled / Baled / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Fiber Extraction / Weaving / Compression
- Application:** Erosion control, landscaping, slope stabilization, geotextile
- Production Area:** Indonesia
- Quality Control:** Woven, compressed & batch controlled
- Usage Type:** Environmental & industrial application
- Export Standard:** International specification compliance



Coir Rope/Twine

Coir Rope / Twine is a natural cordage product made from high-quality coconut fiber, twisted and processed to deliver strong, durable, and eco-friendly performance. Known for its high tensile strength and resistance to moisture, coir rope is widely used across agriculture, marine, construction, and handicraft applications. Compared to synthetic ropes, coir rope offers a biodegradable and sustainable alternative while maintaining reliable performance in various environmental conditions.

Characteristics

- Strength:** High tensile strength and durable fiber structure
- Flexibility:** Good flexibility for easy handling and application
- Moisture Resistance:** Naturally resistant to water and humidity
- Eco-Friendly:** 100% biodegradable and sustainable material
- Performance:** Reliable for both industrial and general-purpose use

Spesification

- Form:** Rope / Twine / Yarn (Customized)
- Diameter:** Various sizes available (customizable)
- Length:** Customized (coil or roll form)
- Twist Type:** 2-ply / 3-ply / Customized
- Color:** Natural brown
- Packaging:** Coil / Roll / Bale / Custom

Description Scheme

- Raw Material:** Coconut Husk
- Processing Method:** Fiber Extraction / Spinning / Twisting
- Application:** Agriculture, landscaping, marine, construction, handicraft
- Production Area:** Indonesia
- Quality Control:** Twisted, graded & batch controlled
- Usage Type:** Industrial & general-purpose cordage
- Export Standard:** International specification compliance



Coir Geotextile & Erosion Control

Coir Geotextile & Erosion Control products are natural fiber solutions made from woven coconut coir, designed to stabilize soil and prevent erosion in environmentally sensitive areas. With high tensile strength and biodegradable properties, these geotextiles provide immediate surface protection while supporting natural vegetation growth over time. Compared to synthetic alternatives, coir geotextiles offer an eco-friendly and sustainable solution for slope stabilization, riverbanks, and land rehabilitation projects.

Characteristics

Strength: High tensile strength for effective soil reinforcement

Erosion Control: Protects soil surface from erosion and runoff

Water Retention: Helps retain moisture and promote vegetation growth

Biodegradable: Naturally decomposes without harming the environment

Performance: Supports long-term soil stabilization and restoration

Spesification

Form: Woven Net / Mat / Roll
(Customized)

Weight: Light / Medium / Heavy grade
(customizable)

Mesh Size: Customized based on
application

Fiber Type: Natural coir fiber

Color: Natural brown

Packaging: Rolled / Baled / Custom

Description Scheme

Raw Material: Coconut Husk

Processing Method: Fiber Extraction / Spinning / Weaving

Application: Slope stabilization, erosion control, riverbank
protection, land rehabilitation

Production Area: Indonesia

Quality Control: Woven, tested & batch controlled

Usage Type: Environmental & civil engineering application

Export Standard: International specification compliance



Industrial Coco-Based Materials

Industrial Coco-Based Materials are a range of engineered products derived from coconut-based raw materials, including coco fiber, cocopeat, and coconut shell derivatives. Designed to meet diverse industrial requirements, these materials offer a sustainable, durable, and high-performance alternative to conventional synthetic and non-renewable resources. With consistent quality and scalable supply, coco-based materials are widely used across manufacturing, construction, agriculture, and environmental applications.

Characteristics

- Versatility:** Suitable for a wide range of industrial applications
- Strength:** Durable and reliable natural material structure
- Eco-Friendly:** Renewable, biodegradable, and sustainable
- Consistency:** Uniform quality across different product forms
- Performance:** Stable and efficient for industrial processing

Spesification

- Product Range:** Fiber / Peat / Chips / Shell / Customized
- Form:** Loose / Compressed / Sheets / Rolls / Customized
- Moisture:** Max 15%
(varies by product type)
- Color:** Natural brown to dark brown
- Packaging:** Bale / Bag / Jumbo bag / Pallet / Custom

Description Scheme

- Raw Material:** Coconut-Based Materials
- Processing Method:** Extraction / Crushing / Washing / Compression / Custom processing
- Application:** Manufacturing, construction, agriculture, environmental solutions
- Production Area:** Indonesia
- Quality Control:** Processed, graded & batch controlled
- Usage Type:** Industrial material solution
- Export Standard:** International specification compliance



Ethics & Compliance

How We Maintain High Standards?

Alam Bumi Resources is committed to conducting its operations in an ethical, legal, environmentally responsible, and socially sustainable manner. Our business is built upon an integrated supply network across Indonesia, ensuring responsible sourcing, controlled processing, and reliable distribution. We continuously strengthen our governance framework to align with international standards and long-term sustainability principles.

01

Supplier Code of Conduct

We require all suppliers and partners to operate in accordance with ethical, legal, and responsible business practices.

Our Supplier Code of Conduct outlines expectations covering

- Ethical sourcing and procurement
- Compliance with labor and human rights standards
- Environmental responsibility in operations
- Transparency and accountability in business conduct

We work closely with our partners to ensure these standards are consistently upheld across the supply chain.

02

Responsible Sourcing Commitment

We are committed to maintaining a supply chain free from unethical practices, including forced labor, child labor, and unsafe working conditions.

Our sourcing approach emphasizes:

- Responsible supplier selection and evaluation
- Ongoing monitoring of supplier practices
- Alignment with international labor and human rights standards

We aim to ensure that all materials are sourced responsibly and sustainably.

03

Environmental & Social Responsibility

We are dedicated to minimizing environmental impact while supporting sustainable industry practices.

Our commitments include:

- Promoting the use of renewable coconut-based resources
- Supporting local supplier communities and economic development
- Reducing environmental footprint through efficient processing
- Ensuring compliance with applicable environmental regulations

We continuously integrate sustainability considerations into our operational and business strategies.

Be Part of Our Global Network

We guarantee the best quality at the most competitive prices.

Request our free samples now!



Thank You

Indonesia

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