



PARTNERING WITH CIVIL CONTRACTORS TO

Consistently Deliver Premium Commercial Landscaping Projects



 **Azwood** offer a range of natural landscaping supplies and technical media solutions for:

VISUALLY AESTHETIC PUBLIC RESERVES

PLAYGROUND IMPACT PROTECTION

GARDEN SOILS, MULCHES & COMPOST

STORMWATER MANAGEMENT
AND BIOFILTER ODOUR CONTROL



Introducing Azwood's commercial landscaping solutions and technical medias


Fuelling growth since 1978

Quality products you can trust

Our products and services help businesses reduce their environmental impact by supporting a circular economy in action. We're committed to supporting New Zealand's economy and environment.

As a leading supplier of council approved landscaping soils, composts, barks/mulches, playground surfaces and technical medias we guarantee our products meet council regulations.

These standards guarantee our products are of the highest grade and our manufacturing processes are at nationally recognised standards.

 **Azwood product guarantee**
Council approved solutions





Book a
delivery
with Azwood



Reliable Delivery & Distribution

DELIVERY NATION-WIDE: With our specialised trucks and machinery, we provide flexible delivery options tailored to your project. Azwood offers a reliable distribution network, with decades of industry experience, ensuring steady bulk deliveries and efficient top-ups when our trucks are nearby. Deliveries are made in full units (truck and trailer).

INSTALLATION & MAINTENANCE: In the Canterbury region, Azwood now offer state-of-the-art blower truck technology for the installation of barks and mulches. This advanced equipment precisely manages pneumatic pressure, ensuring a smooth, even, and accurate spread every time. This method preserves the structural durability of the product and reflects Azwood's commitment to quality, efficiency, and sustainability.

Get started today:

hello@azwood.co.nz | 0800 299 663 | Or book a site visit: www.azwood.co.nz/book

Book a consultation:



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Azwood® Playground surfacing

Azwood offers a range of certified natural playground surfaces that meet government requirements for safety. Made from natural wood, sourced from New Zealand sustainably managed forestry operations. Perfect for schools, early childhood centres, public playgrounds and community reserves.

Safety certified solutions for playground impact protection

Azwood's playground surfacing is designed to dissipate the kinetic energy of an impact by localised displacement such that the acceleration is displaced.

The natural bark and wood surfaces that Azwood offer are NZ Standard Certified (NZS 5828:2015) to meet government requirements. They also meet the material requirements to EN177 standards and AS4685.0.2017. All materials in a playground/reserve including the impact protection are required to have a test certificate of compliance. Azwood can provide your location with this certification by request for your records. This greatly reduces various forms of liability in case something goes wrong in your playground.

Ensuring a safe playground surface is crucial in reducing the risk of injuries during playtime. However, how do you determine which surface is best for your requirement?

To maintain safety, it's essential that the ground beneath playground equipment offers cushioning and impact absorption. There are various materials for playground surfaces, each with their own set of advantages and disadvantages.

However, the two key features are:

- Compliance with the NZS 5828:2015 standard
- Effective impact absorption when a child falls

Installation & maintenance

During installation, Azwood uses state-of-the-art blower truck technology, ensuring precise management of pneumatic pressure to evenly and accurately spread the bark. This method preserves the structural durability of the bark and reflects Azwood's commitment to quality, efficiency, and sustainability.

Azwood offers support to contractors as requested to ensure the quality of playground surfacing products. This includes replenishing bark in high-impact areas and performing top-ups to maintain the necessary depth and compactness. These steps help ensure that the surface effectively absorbs impact energy, providing a safer environment for playground users.





Bounce Bark® Chip Playground Surfacing

For prioritising safety and sustainability in playgrounds, Bounce Bark® Chip is an excellent option.

This certified playground bark is the top choice among schools, early childhood centres and public playgrounds. It offers safety approved impact protection for kids, ensuring they can engage in active play without risk of injury.

✓ RECOMMENDED USES:

- Schools
- Early childhood centres
- Public playgrounds
- Adventure & outdoor education centres

✓ FEATURES:

- Provides safety and sustainability in playgrounds
- NZ and AU certified NZS5828:2015 AS4685.0.2017
- Clean and free of transferable mud

✓ BENEFITS:

- Soft and comfortable underfoot
- Sustainably sourced and repurposed natural by-product
- NZ certified playground surfacing

✓ INGREDIENTS:

- Clean bark chip

✓ PRODUCT SPECS:

- Particle size: 10-40mm
- Temperature resilience: 45°C
- Wind resistant rating: A



Bounce Bark® Nugget Playground Surfacing

Bounce Bark® innovative playground surfacing is designed to provide maximum impact protection, ensuring that children can play without fear of injury.

Bounce Bark® is NZ standard-certified, meaning that it meets the highest safety standards for playground surfacing. With Bounce Bark®, offers the safest environment possible.

✓ RECOMMENDED USES:

- Schools
- Early childhood centres
- Public playgrounds
- Adventure & outdoor education centres

✓ FEATURES:

- Promotes healthy play in nature
- Meets highest standards for playground surfacing
- NZ and AU certified NZS5828:2015 AS4685.0.2017

✓ BENEFITS:

- Safe and durable
- Sustainably sourced and repurposed natural by-product
- NZ certified playground surfacing

✓ INGREDIENTS:

- Clean bark nuggets

✓ PRODUCT SPECS:

- Particle size: 25-80mm
- Temperature resilience: 45°C
- Wind resistant rating: A+



Curamet Playground Surfacing

A certified playground surfacing, Curamet is made from natural virgin pine wood sourced from sustainably managed forestry operations. Safe, eco-friendly, and highly effective, Curamet is perfect for playgrounds.

When Curamet eventually breaks down, it can be reutilised for mulching and promoting plant growth, creating a circular economy.

✓ RECOMMENDED USES:

- Schools
- Kindergartens
- Early Childhood Centre
- Public Playgrounds

✓ FEATURES:

- Environmentally friendly
- Sourced from sustainably managed forestry operations
- NZ and AU certified NZS5828:2015 AS4685.0.2017

✓ BENEFITS:

- Wood based natural playground surfacing product
- Safe for children's underfoot

✓ INGREDIENTS:

- Virgin pine wood

✓ PRODUCT SPECS:

- Particle size: 10-60mm
- Temperature resilience: 45°C +
- Wind resistant rating: B+

To request a free sample bag:
www.azwood.co.nz/landscape-sample



As a natural product, once the playground surfacing needs replacing, it can be removed and repurposed as mulch in community gardens, creating a circular economy



Azwood® Barks & Mulches

Azwood offers a range of natural bark-based landscaping supplies to public reserves that require both beauty and practicality. Azwood landscaping barks achieve a modern design aesthetic with colours that enhance your landscape, while providing hardwearing durability, moisture retention, weed suppression, and consequently, reduced maintenance.

What's different about Azwood landscaping barks?

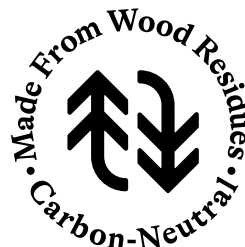
Azwood's landscaping barks are carefully sourced from sustainably managed forests, ensuring an eco-friendly product. Azwood barks are processed to provide consistent texture and durability, making them ideal for various landscaping applications. Azwood offers a range of sizes and types, allowing customers to select the best option for aesthetic appeal, moisture retention, and weed control. Additionally, our barks are crafted to break down gradually, enriching the soil over time while maintaining their visual appeal.

Azwood offer reliable and efficient delivery services for all landscaping products. With a dedicated fleet of trucks and professional drivers, Azwood can accommodate orders for large commercial projects.

The purpose of mulch

Mulch provides many benefits for commercial landscaping:

- **Cools Roots** Mulch maintains a moderate temperature even on hot days.
- **Suppresses Weeds** Mulch naturally deprives weeds seeds of the light they need to germinate.
- **Retains Moisture** Mulch naturally maintains moisture by reducing the evaporation of water on sunny and windy days.
- **Natural & Sustainable** Bark mulch is 100% natural and will slowly break down working its way into the soil over time.
- **Decorative** Bark mulch comes in different grades and can be a beautiful finish to any garden.
- **Low Maintenance** The benefits of mulch means less maintenance and less time spent weeding.





Forest Floor® Landscaping bark & mulch

Forest Floor® bark mulch is well utilised when seeking weed suppression and moisture retention.

Forest Floor® stands as a trusted name, for its ability to suppress springtime weed growth and maintain vital moisture levels during the scorching summer periods.

It's composition ensures optimal binding on even the steepest slopes and in exposed environments.

✓ RECOMMENDED USES:

- Large garden projects
- Sloped sections up to 52°
- Native gardens

✓ FEATURES:

- Coverage in exposed areas
- Moderates soil temperatures
- Helps grounds retain vital nutrients throughout the year

✓ BENEFITS:

- Has binding properties
- Wind resistant
- Cost-effective
- Low maintenance

✓ INGREDIENTS:

- Pine bark fines
- Shredded pine cambium bark

✓ PRODUCT SPECS:

Particle size: 0-100mm
Slope tolerability: 52°
Wind resistance: A+
AFP: 41.2



Deco No. 1 Landscaping bark & mulch

Deco No.1 is the perfect choice for those seeking a visually appealing solution for their ground-covering needs. This decorative bark mulch is made from a unique blend of bark chip and pine bark cambium, resulting in a stunning range of colours that enhance landscape projects.

The cambium properties of this bark mulch work together to lock in moisture and suppress weeds.

✓ RECOMMENDED USES:

- Sloped areas
- Any sized garden
- Low maintenance gardens

✓ FEATURES:

- Unique blend of bark chip and pine bark cambium
- Elevates the aesthetics of your project
- Ideal for commercial projects that require both beauty and practicality

✓ BENEFITS:

- Simplifies maintenance
- Makes your project look beautiful all year round
- Visually appealing for ground covering

✓ INGREDIENTS:

- Pine cambium bark
- Pine bark chip

✓ PRODUCT SPECS:

Particle size: 10-25mm
Slope tolerability: 38°
Wind resistance: B
AFP: 47.2

To request a free sample bag:
www.azwood.co.nz/landscape-sample



Black Forrest® Landscaping bark & mulch

Black Forrest™ is made from the finest quality natural bark repurposed from local New Zealand forests. This product is perfect for landscapers and contractors who want to achieve a modern landscape design style. Crafted with an eco-friendly water-based colourant, it boasts a captivating deep and rich black hue. It also suppresses weeds and helps to retain moisture in the soil, promoting healthy growth.

✓ RECOMMENDED USES:

- Feature gardens
- Sloped areas
- High-profile areas

✓ FEATURES:

- Natural colourant
- Combines striking aesthetic and an all-round practical ground-covering mulch
- Achieve a sleek and modern landscape design

✓ BENEFITS:

- A practical decorative bark
- Enhances landscaping design projects
- Promotes healthy plant growth

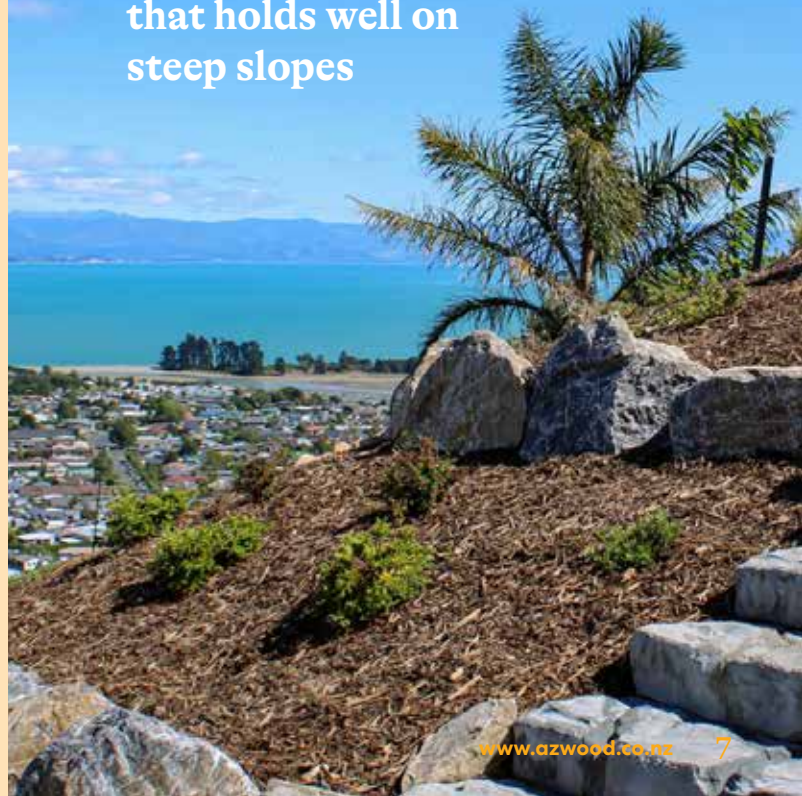
✓ INGREDIENTS:

- 100% natural carbon colourant
- Pine mulch

✓ PRODUCT SPECS:

Particle size: 0-100mm
Slope tolerability: 55°
Wind resistance: A
AFP: 58.2

Forest Floor's
natural bark blend
creates a durable
ground cover
that holds well on
steep slopes





Premo® Nugget

Landscaping bark & mulch

Premo® Nugget mulch is sourced from sustainably managed New Zealand forests. These premium bark nuggets regulate soil temperatures, and offer moisture-retention and weed-suppression properties, reducing the need for water and chemicals. Whether you're looking to enhance your commercial landscape project or create a safe and beautiful private playground Premo® Nuggets is the ideal choice.

✓ RECOMMENDED USES:

- Small flat sections
- Traditionally-styled gardens
- High visual impactness

✓ FEATURES:

- The larger sized nuggets make it longer lasting
- A high quality, rich-coloured premium bark
- Sourced from sustainably managed New Zealand forests

✓ BENEFITS:

- Moisture retaining & weed suppressing properties
- Regulates soil temperature
- Reduces the need for water and chemicals

✓ INGREDIENTS:

- Pine bark nugget

✓ PRODUCT SPECS:

Particle size: 25-50mm
Slope tolerability: 34°
Wind resistance: A+
AFP: 67%



Premo® Chip

Landscaping bark & mulch

Premo® Chip, is known for its exceptional quality, both in terms of its visual appeal and as an all-around mulch. The premium bark chip is an excellent soil temperature regulator, ensuring plants flourish all year round. Its consistently sized chips provide a smooth, uniform look. Perfect for commercial or residential projects, community flower gardens.

✓ RECOMMENDED USES:

- Traditional style gardens
- Colourful flower gardens
- High visual impact

✓ FEATURES:

- Known for its exceptional quality
- Adds vibrancy to garden projects
- Made from repurposed forestry residues

✓ BENEFITS:

- Suppress weeds
- Consistent sizing
- Regulates soil temperature

✓ INGREDIENTS:

- Pine bark chip

✓ PRODUCT SPECS:

Particle size: 10-25mm
Slope tolerability: 32°
Wind resistance: A
AFP: 64%



EcoScree

Landscaping bark & mulch*

EcoScree is a natural pinewood mulch that is highly economical in suppressing weeds and retaining moisture in large-scale projects, including roadways, reserves, and native plantings.

The fine and binding properties of EcoScree create a protective layer for plant roots, reducing damage and regulating soil temperature after recovery from harsh weather events, such as drought.

✓ RECOMMENDED USES:

- Exposed areas including slopes
- Large-scale projects
- Moisture-compromised and drought-prone areas

✓ FEATURES:

- Pinewood mulch
- High organic matter
- For commercial projects

✓ PRODUCT SPECS:

Particle size: 0-70mm
Slope tolerability: 38°
Wind resistance: B
AFP: 47.2

✓ BENEFITS:

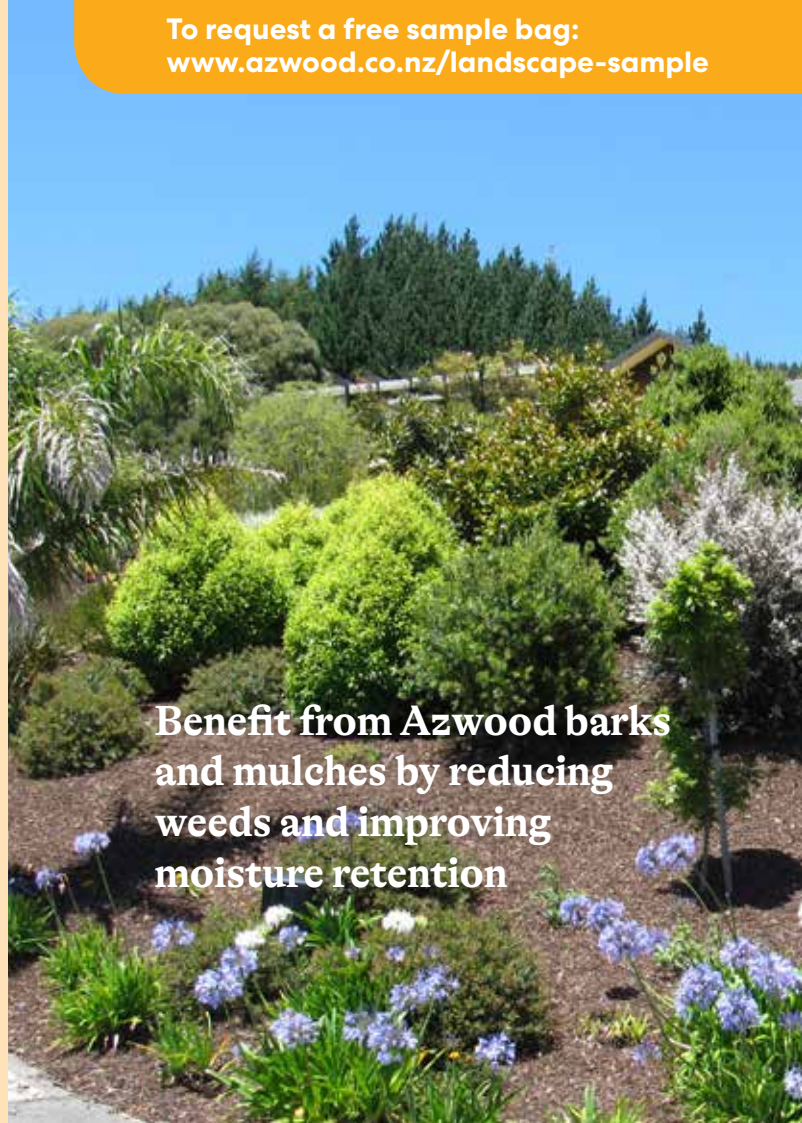
- Suppresses weeds
- Retains moisture
- Improves soil quality

✓ INGREDIENTS:

- Pinewood fines
- Pinewood chip
- Pine shredded bark

* Product available to Canterbury region only

To request a free sample bag:
www.azwood.co.nz/landscape-sample



Benefit from Azwood barks and mulches by reducing weeds and improving moisture retention



Azwood[®] Soils

Super Soil Compost Soil Mix

Super Soil is a unique compost soil mix, expertly crafted with a blend of screened soil and high-quality mushroom compost.

Because of its mushroom-compost base, fungal activity is at an all-time high, which means essential nutrients are readily available and accessible to tending roots. Super Soils fine composition is convenient and easy to handle.

✓ RECOMMENDED USES:

- New garden beds
- Building up established areas
- Backfilling when re-designing planting areas

✓ FEATURES:

- Provides rich nutrients
- Promotes rapid germination
- An elevated all-around soil mix

✓ BENEFITS:

- Pre-blended compost soil mix
- Great for direct planting
- Enhances root development

✓ INGREDIENTS:

- Screened soil
- Compost

✓ PRODUCT SPECS:

Particle size: 0-12mm
pH level: 6.0-7.0

Lawn Soil Soil Blend

Lawn Soil is made from sand, aged bark fines and compost. The fine particle size and free-flowing nature of Lawn Soil make it easy to work with and is perfectly suited for top-dressing turf and lawns. Once applied and Lawn Soil reaches roots, and nourishes lawns over an extended period. The moisture-retaining properties also promote fast seed germination and add organic matter, as well as other vital nutrients into the ground.

✓ RECOMMENDED USES:

- Existing lawn renovation
- New lawn preparation
- Patchy lawns
- Lawns struggling with growth

✓ FEATURES:

- Promotes healthy soil
- It is compost based
- It has fine particle size

✓ BENEFITS:

- Promotes fast seed germination
- Improves the appearance and health of soils in lawn projects
- Perfectly suited for top-dressing turf and lawns

✓ INGREDIENTS:

- Compost
- pH-neutral sand

✓ PRODUCT SPECS:

Particle size: 0-12mm
pH Level: 6.1



Azwood[®] Composts

Azwood repurposes natural materials such as sawdust from sawmills, manures and fungi, animal bi-products, and green waste to make compost. These ingredients form the base of our commercial mixes and provide a nutrient-rich foundation for growing. Most of our Azwood composts are BioGro certified and ensure quality and consistency. Free from chemicals, herbicides, sprays, and fungicides, Azwood composts are perfect for larger scale applications to help aid weed suppression, moisture retention, soil health and optimise growing conditions.

The purpose of compost

Compost can be applied directly on top of the soil surrounding your plants and over time it will work its way into the soil providing nutrients and building up organic matter to feed plants.

Compost naturally supplies a significant amount of nutrient value to your soil and plants.

One of the major effects of compost is to improve soil structure. Plant roots, earthworms, bacteria, fungi and other micro-organisms release organic compounds which help bind soil particles together to produce stable aggregates.

The things that create good soil structure are plant roots and microbiology. The value of compost is to provide a food source for microbes.

Organic substances have been shown to hold up to five times their own water weight. This contributes to improving the available water-holding capacity of the soil, making growing plants less prone to short-term droughts.

The difference between mulch and compost put simply

Mulch is used on the top layer of the soil to control weeds, retain moisture and regulate temperature, whereas compost is used beneath the top layer of the soil to benefit the soil itself in providing essential nutrients.

In short, mulch is used to protect and regulate the soil around plants, while compost is used to improve soil quality and plant growth.

If your goal is to increase the production of food plants, have a more lush canopy, or encourage your plants to grow faster, use compost. If your goal is to limit weed growth, control erosion and retain soil moisture, use mulch.



QUALITY ASSURED COMPOST



FishGro®

Nutritional compost

FishGro® compost is an odourless BioGro certified compost that contains high levels of organic matter.

Over the course of 12 months, our compost and soil experts carefully combine the raw materials, turn, heat, and cook them through windrows to create this nutrient-rich compost that is abundant in potassium and organic matter.

RECOMMENDED USES:

- Mixing with current soil
- Annual nutrient top-up for plants
- BioGro compliant areas
- Commercial use

INGREDIENTS:

- Marine by-products
- Screened bark fines

FEATURES:

- High in organic matter
- Nutrient-rich compost
- BioGro certified
- Kiwifruit Vine Health approved

PRODUCT SPECS:

Particle size: 0-12mm
pH level: 7.6

BENEFITS:

- Sustainably made from marine byproducts & wood residues
- Promotes vibrant plant growth
- Abundant in potassium



Flourish®

Nutritional compost

Flourish® Compost is a reliable, nutrient-rich, mushroom-based compost. The blend of this compost is specifically designed to better soil health and facilitate ideal growing conditions for all types of soils.

Flourish® Compost has exceptional fungal content which activates optimum microbial activity in soils. This promotes healthier root growth and overall plant vigour.

RECOMMENDED USES:

- Breaking up soils
- Vegetable & flower gardens
- Annual nutrient top-up for plants
- Kiwifruit/orchards

INGREDIENTS:

- Mushrooms
- Sheep and chicken manure
- Screened bark fines

FEATURES:

- Top-tier soil conditioner
- Repurposed from mushroom waste
- Kiwifruit Vine Health approved

PRODUCT SPECS:

Particle size: 0-12mm
pH Level: 6.8

BENEFITS:

- Quick boost to plant health
- Long-term plant nutrition
- Promotes healthier root growth and overall plant vigor

To request a free sample bag:
www.azwood.co.nz/landscape-sample



Barnyard

Nutritional compost

A premium quality commercial organic manure compost. Composed of a bark-fine base and made from 100% natural by-products sourced from freezing works' waste and sheep manures. It's slightly acidic, making it an excellent soil conditioner. Undergoes a natural heating process to kill weeds and is free from chemical sterilisation, making it an eco-friendly choice. Great for application in rural areas.

RECOMMENDED USES:

- Mixing with existing soils
- Large-scale planting
- Establishing rural sections
- Kiwifruit/orchards

INGREDIENTS:

- Animal manure
- Freezing works by-product
- Screened bark fines

FEATURES:

- Premium quality commercial compost
- Manure-based compost
- Kiwifruit Vine Health approved

PRODUCT SPECS:

Particle size: 0-12mm
pH level: 5.5 to 6.0

BENEFITS:

- Excellent soil conditioner
- Free from chemical sterilisation
- Safe & eco-friendly choice



Custom mix

Horticulture compost

We can tailor a custom blend of ingredients to meet the specific needs of your growing environment. Our custom commercial composts can be made from a variety of organic materials, including animal manures, bark fines/mulch, green waste, marine by-products, and fungi.

Azwood's range of composts are rich in organic matter, essential nutrients, and beneficial biology.

RECOMMENDED USES:

- Mixing with existing soils
- Horticultural purposes
- Viticulture purposes
- Community growing projects

INGREDIENTS:

- Animal manure
- Freezing works by-product
- Screened bark fines

FEATURES:

- Premium quality commercial compost
- Customised to your growing needs
- Increase deficient nutrients in soils

PRODUCT SPECS:

Particle size: Custom
pH level: Custom

BENEFITS:

- Excellent for conditioning soils
- Options that are from chemical sterilisation
- Safe & eco-friendly choice



Azwood® **Speciality Products**

Azwood has developed a range of sustainably sourced blending medias designed to elevate the performance of our composts, soils, and technical substrates. These blends can be tailored to meet the unique, user-specific needs of each application. Azwood will work with you to offer expert advice to ensure optimal results.

How can a bark blend improve soil mixes?

When it comes to soils and potting mixes, AFP is essential to ensure that the plant roots receive adequate oxygen, water, and nutrients to grow.

Why is AFP so important?

AFP stands for Air-Filled Porosity, which is the percentage of air spaces in a soil. The availability of oxygen in the soil affects the absorption of nutrients and water by the roots. Therefore, the AFP of a soil mix should be optimal to maintain a healthy growing environment for plants.

The bark also acts as an excellent weed-free compost base and effectively increases carbon content and provides excellent drainage.

The benefits of blending Ocean Shell

Ocean Shell is an aged, deodorised and crushed mussel shell. Ocean Shell helps retain moisture which increases the effectiveness of irrigation. Ocean shell also adds calcium and vital micronutrients to soils. Ocean Shell allows plants to flourish without fighting for nutrients due to its weed suppression properties. It's white and bright colour also reduce the risk of pests through the reflectiveness under and around plants.

All Ocean Shell products are organic compliant and acceptable to use in certified organic areas.

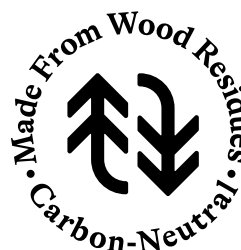
Why use Chocolate Mini Chip as a blender to potting mixes?

Azwood® Chocolate Mini Chip bark for blending is a great component to elevate your potting mix. With its finely-sized pine bark, it easily opens up your mix, enabling it to feed vital nutrients back into the soil.

This bark is perfect for blending because it increases air-filled porosity (AFP) properties to promote healthy drainage.

Main features and benefits include:

- Promotes free draining
- It's repurposed from forestry industry
- Increases air-filled porosity (AFP)
- Lower the risk of nitrogen tie ups
- It is aged to degrade toxins





Chocolate Mini Chip

Blending media

Mini Chip bark is a great blending component to elevate the performance of your soils. With its finely-sized pine bark, it easily opens up your soils, enabling it to feed vital nutrients back into the soil.

The bark increases air-filled porosity (AFP) properties to promote healthy drainage.

RECOMMENDED USES:

- Potting mix media

FEATURES:

- A bark chip for blending
- Promotes free draining
- It's repurposed from forestry industry

BENEFITS:

- Increases air-filled porosity (AFP)
- Lower the risk of nitrogen tie ups
- Aged to degrade toxins

INGREDIENTS:

- Pine bark chip

PRODUCT SPECS:

Particle size: 8-16mm
AFP: 48.3%
pH level: 6.6



Ocean Shell

Blending media

Ocean Shell consists of calcium-rich shells from the ocean which add vital micronutrients to your soil.

Our shells are aged for 12-18 months, allowing for the removal of all unpleasant odours and any by-products from the shells through natural bacterial processes. Our shells are completely acceptable for use in certified-organic areas.

RECOMMENDED USES:

- Any soil needing a calcium boost
- Feature gardens & sea-side gardens
- Drought-prone areas
- Undervines organic compliant areas

FEATURES:

- Aged for 12-18 months
- Improves overall health and composition of soils
- Mitigates soil acidity

BENEFITS:

- Has mulching properties
- Adds vital micronutrients to soils
- Calcium boost to soils

INGREDIENTS:

- Organic deodorised mussel shell

PRODUCT SPECS:

Particle size: 0-70mm
Slope tolerability: 24°
Wind resistance: A



FibreGro®

Growing Media

Sourced entirely from renewable resources, FibreGro® offers a sustainable alternative to imported fibres such as coir and peat. Avoiding biosecurity risks and high costs.

Additionally, FibreGro® has exceptional water-holding capacity, supports rapid root growth and maintains consistent pH levels. An excellent choice for commercial growers - available as a standalone potting medium or can be customised into a tailored mix.

RECOMMENDED USES:

- A complete alternative to coir and peat for use in:
- Seedling trays
 - Plant/tree potting
 - Paper pots

FEATURES:

- Excellent WHC & AFP
- Inert and weed-free
- Enhanced root development
- Naturally hydrophilic, enabling easy rewetting

BENEFITS:

- Reliable supply and source of carbon

INGREDIENTS:

Made from renewable forestry and wood residues

PRODUCT SPECS:

pH Level: 6.0-6.5
WHC: 65-75%
AFP: 25-35%
EC: <0.5mS/cm
Moisture Content: 45-45%
Slump factor: 13.5-25%

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Ocean Shell – allows plants to flourish while not fighting for nutrients





BioRetain

Rain Garden Media

BioRetain is Azwood's premium bioretention rain garden solution for effective stormwater management. With its specialised design, BioRetain is the ideal choice for creating rain gardens in urban areas, near roads, and built-up locations. As a trusted option for local government, large-scale contractors, and land developers, BioRetain is a fully-functioning rain garden media that offers reliable performance, specific to your project.



RECOMMENDED USES:

- Rain gardens
- Filter strips
- Flood-prone areas
- Urban areas
- Swales

FEATURES:

- Sustainable stormwater management
- Removes pollutants
- Creates a nutrient-rich environment for plant growth

BENEFITS:

- Reduces water pollution
- Sustainable & natural product
- Custom blends available

INGREDIENTS:

BioRetain ingredients are project-specific. Generally, mixes contain washed sand, composts, screened soils and other additives.

PRODUCT SPECS:

Particle size: 0-12mm
pH level: project specific
AFP: project specific

One of the key benefits of BioRetain is its erosion and flood control capabilities. By moderating flooding, peak flows, and spills, BioRetain helps prevent erosion and scouring of streams and rivers. It also plays a crucial role in water pollution reduction, removing suspended solids, nutrients, and dissolved metal contaminants from stormwater runoff.

Azwood's rain garden media is designed for all seasons, including dry months, with its inclusion of wetting agents that create a moist and nutrient-rich environment for plant growth.

With its proven performance and versatility, BioRetain is the top choice for creating effective rain gardens that promote sustainable stormwater management.



RECOMMENDED USES:

- Wastewater treatment facilities
- Compost facilities
- Rendering plants
- Other odour-producing operations

FEATURES:

- Contaminants are naturally biodegraded
- Custom blends to suit specific needs
- Efficient & environmentally-friendly biofilter

BENEFITS:

- Removes >90% of air pollutants
- Made of natural blended media
- Designed to tackle odours

INGREDIENTS:

BioFilm ingredients are project-specific, containing a customised premium bark blend

PRODUCT SPECS:

Particle size: 0-50mm
pH level: 6.8-8.0
AFP: 44%

BioFilm

Wastewater odour control

Azwood's biofilter media "BioFilm" is a natural and sustainable solution designed to reduce odours from wastewater treatment facilities, compost facilities, rendering plants, and other odour-producing operations.

BioFilms composition comes from a unique blend of natural recycled organic media including bark, compost, local shell and an organic film of micro-organisms.

In biofiltration, volatile organic compounds (VOCs) are treated by passing through a biologically active bed composed of natural carbon sources and trace elements, creating a specialised media mix. Contaminants in the gas phase diffuse into the liquid or solid phase within the media bed. From there, they migrate to the biofilm layer where microbial activity occurs, leading to the biodegradation of these compounds.

This efficient process results in the removal of over 90% of air pollutants, including some classified as hazardous.

Custom blends are available to suit specific requirements, making it a versatile option for various applications.



To request a free sample bag:
www.azwood.co.nz/landscape-sample



Azwood's MISSION is to enhance the environment by harnessing natural residues.

Azwood's commitment

- ✓ Supply reliability
- ✓ Product consistency
- ✓ Product quality
- ✓ Exceptional customer support
- ✓ Technical advice and assistance
- ✓ A supplier that genuinely cares





www.azwood.co.nz

At Azwood, we work with a range of industries throughout New Zealand to provide high-value renewable and sustainable products and services. All our products are made from 100% natural untreated wood residues sourced from New Zealand forests, that would otherwise end up in landfills or dump sites.

Together, we can make a significant impact on our environment and community.

Get started today:

hello@azwood.co.nz | 0800 299 663 | Or book a site visit: www.azwood.co.nz/book

Book a consultation:



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PLAYGROUND SURFACING



SOILS & COMPOSTS



BARKS & MULCHES



TECHNICAL MEDIAS