

tma bark

A SUSTAINABLE FUTURE. A NEW FUTURE.



TMA Bark, based in Norfolk was formed in 1991. The main processing and distribution centre is based on a former world war two airfield at Weston Longville, with the head office and administration centre located a short distance away at Elsing.

The company has grown considerably over the last twenty years from its early beginnings as a specialist bulk haulier to becoming one of the largest producers and market leaders in the UK supplying large volumes of bark, mulch and woodchip products around the country.

Further growth and expansion has seen the Company diversify to include the provision of organic recycling and composting services to local authorities and contractors.

Customer service and quality products have always been the linchpin on which the company is based and promotion of these standards have resulted in the success of the business.

Continued growth has been founded on listening to customers needs and providing products and services to meet the demands of an ever increasing and developing market ensuring that TMA Bark has earned the reputation for providing quality products and efficient service to its customers.

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ISO9001:2008 Certificate No. 8149



TMA Bark is at the forefront of the bark industry. Consistently processing large volumes of bark, all of which are sourced from either sustainable or renewable sources.

Raw Bark Processing

The use of our modern and efficient production plant together with our specialised knowledge allows us to ensure that we are able to produce and deliver large volumes of high quality barks, mulches and woodchips to an ever increasing and demanding industry.

Raw bark is collected from sawmills around the country and delivered to our processing site in Norfolk. Here the raw material is separated into different areas prior to screening and shredding. This ensures that the different grades of material, together with FSC® Certified material, is not cross-contaminated.

Initial processing involves the raw material being screened into various sizes using our modern and efficient screening plant. This provides us with consistently accurate separation of material and sizing. Any unwanted contamination such as metal, plastic and stones are removed at this stage. Occasionally the material can be contaminated with large volumes of white wood and sticks and if this occurs the material goes through our highly efficient picking station to ensure that a high quality finished product is achieved.

Any oversized material is stockpiled and shredded using a state of the art chipping machine. This machine chips the oversize material into smaller particle sizes which is then put through the screening process again. This process is repeated until all material has been completely processed resulting in minimal wastage of material.

Once processed, all material is stockpiled into specific areas on site ready to be loaded and delivered around the country.

tmaproducts

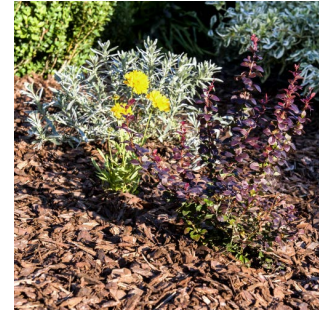
TMA Bark have a range of products to suit every project and budget from inexpensive mulches to quality play products.

TMA offers a wide range of products within its product ranges designed to help the customer find the best product for their project and application. Many of the products are FSC® Certified and/or certificated to BS EN 4790: 1997 and BS EN 1177: 2008 safety standard.

Deliveries are made using either TMA Bark's own fleet of vehicles made up wholly of walking floor trailers or dedicated sub-contract hauliers. This ensures that TMA is able to make deliveries within 48 hours of order or, next day for urgent deliveries. Many customers require fixed time delivery and TMA's efficient transport team ensures that loads are delivered at the time specified by the customer.

Key Benefits of using TMA Bark Products:

- 100% natural products, from sustainable sources and FSC® certified.
- Retains moisture for improved plant growth while reducing weeds.
- Improves the appearance of garden beds and is long lasting.
- Critical fall height tested to BSEN1177/2008 safety standards.
- Fire resistance tested to BS 4790 standards.



TMA Bark's mulch & bark products are used nationwide by domestic and commercial customers for many types of applications.



TMA Bark's new custom designed and built production plant processing raw bark material to produce the new pure range of products.

CONTAINING LESS THAN 1% WHITE WOOD. THE PUREST YET

TMA Bark has always been committed to producing and supplying high quality bark products to its customers.

To further its commitment to producing quality bark products. TMA has invested year on year in new machinery to ensure that our range of barks and mulches are of a consistent quality and free from contamination.

We have listened to our customers needs for a premium, high grade bark and most recently have custom designed and built a state of the art new production plant. This processing plant ensures that up to 99% of unwanted white wood and sticks are removed from the raw material resulting in high quality pure pine bark products.

NEW*

tmapure^{range}

This range of products is the highest quality of pine bark on the market and is only available directly from TMA Bark.

A pure pine bark containing less than 1% white wood content. This product range is best suited for projects where appearances is very important.

pure^{range}*nuggets*

Highest quality pure pine nuggets on the market. Containing less than 1% white wood content. An FSC® Certified Product, 30 - 60 mm in size.

pure^{range}*ornamental*

Highest quality pure pine ornamental on the market. Containing less than 1% white wood content. An FSC® Certified Product, 18 - 35 mm in size.



TMA Bark's new Pure Range Ornamental.

tma premium range

A range of most popular high quality bark products.

The premium range includes our most popular bark products and are best suited for use where appearance is as equally important as the practical advantages. Ideal for high quality garden beds and professional landscaping.

Products Include: Pine Nuggets, Pine Ornamental, Mixed Conifer Nuggets, Mini Chips, Contract Ornamental and Landscape.

tma practical range

A range of products for lower budget projects.

Our practical range of products are ideal for large housing or commercial developments. This range of products are a blend of barks and recycled products thereby making them ideal for lower budget projects.

Products Include: Contract Landscape and Medium Ornamental

tma play range

Certified safety products specifically for play area surfaces.

The play range includes a range of pine bark products for situations where a high quality appearance as well as safety is important. Alternatively a more economical range of softwood or hardwood chips can be used.

Products Include: Pine Nuggets, Pine Play, Hardwood and Softwood Chips.

**All play range products are tested for maximum safety at 100, 200 and 300 mm depth.*

tma pro range

A range of products suitable for growing media.

The professional range consists of products suitable for use by professional growers as a top dressing or for mix within a peat substitute product.

Products Include: Nursery Grade, Composted Bark Fines and Pro Fines.



TMA Bark operate their own fleet of walking floor vehicles, This allows them to make timed deliveries where it is critical the load arrives on site ready for work to commence.

TMA Product Specifications	Main Constituent	Particle Size Range (mm)	White Wood Content	Dust and Fines	Settlement factor	Min. Effective Depth (mm)	Durability (years)	BS EN 1177:2008	BS EN 4790:1987 Fire Tested	FSC® Certified
Pine Play	Pine Bark	18-35	Less than 5%	Min	15%	100	3-5	✓	✓	✓
Pine Nuggets	Pine Bark	30-60	Less than 5%	Min	15%	100	4-6	✓	✓	✓
Softwood Chips	Wood	10-30	100%	Min	8%	100	2-4	✓	-	✓
Hardwood Chips	Wood	10-30	100%	Min	8%	100	4-6	✓	-	-
Pine Ornamental	Pine	18-35	Less than 5%	Min	-	50	2-4	-	✓	✓
Mixed Conifer Nuggets	Mixed Pine	35-50	Up to 10%	Min	-	50	2-4	-	-	✓
Contract Ornamental	Mixed Bark	10-40	Up to 20%	Min	-	50	2-3	-	✓	✓
Landscape	Mixed	35-60	Up to 20%	Min	-	50	2-3	-	✓	✓
Nursery Grade	Pine Bark	8-16	Up to 5%	Min	-	-	-	-	-	✓
Medium Ornamental	Mixed	0-35	Up to 40%	-	-	50	1-2	-	-	-
Contract Landscape	Mixed	35-60	50%	Min	-	50	1-2	-	-	-
Compost	Green Waste	0-10	-	-	-	-	-	-	-	-
Pure Ornamental	Pure Pine	18-35	Less than 1%	Min	-	50	5-8	✓	-	✓
Pure Nuggets	Pure Pine	30-60	Less than 1%	Min	-	50	5-8	✓	-	✓
Pro Fines	Pine Bark	0-8	Less than 1%	Min	-	50	-	-	-	✓
Mini Chips	Mixed	8-16	Up to 20%	Min	-	-	-	-	-	✓



TMA Bark Pro Range products used by professional growers. - Morley Nursery, Norfolk

tma biomass

TMA Bark produces and supplies sustainable biomass options for domestic use and the commercial industry.

TMA Bark produce two grades of dried woodchip products specifically for use in Biomass boiler systems, designed to burn dried woodchips. TMA Bark woodchips are produced from locally sourced FSC® certified renewable timber and do not contain any metal, stones, raw bark, green or waste wood materials.

The clean timber is shredded and screened to the required size and then process dried to reduce moisture content to the appropriate levels. Process drying enables the production of a consistent quality product and readily available supplies.

10 - 30 mm Chipped and process dried to $\leq 30\%$ moisture content.
10 - 50 mm Chipped and process dried to $\leq 30\%$ moisture content.



Domestic Biomass boiler running TMA Barks process dried woodchips.



*tma*biofilter

TMA Bark produces and supplies sustainable biofilter options for waste and other processing facilities.

TMA Bark produce two grades of woodchips specifically for use in biofilter systems for waste and other processing facilities that require odour control air filtration. TMA Bark woodchips are produced from locally sourced FSC® certified renewable timber and do not contain any metal, stones, raw bark, green or waste wood materials.

The clean timber is shredded and screened to the required sizes.

10 - 30 mm Chipped Woodchip and 30 - 100 mm Screened Woodchip



TMA Bark plays a big part in the recycling industry by recycling and sucessfully composting large volumes of unwanted organic waste.

tma recycling

TMA Bark operates a successful processing site for recycling and composting unwanted organic material.

TMA Bark have been operating an organic recycling service for over ten years. Our highly established and modern licensed facility can recycle up to 75,000 tonnes per annum of organic material. The end products are high quality composts and mulch products ideal for incorporation into professional growing media.

Open Windrow Process

The raw organic material is collected by TMA Bark from recycling centres. Material is also collected from households by way of local authority general collection services. The material is brought to the TMA Bark site, in Norfolk, where it is weighed and tipped in the specified reception areas. It is then ready to begin the composting process.

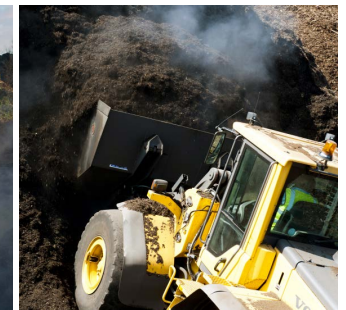
The raw material is then shredded into small pieces and put into what is known as a 'windrow'. The windrow temperatures are constantly monitored over a 12 week period. High temperatures and moist conditions sustained during managed composting ensures that any plant and human pathogens are destroyed.

The windrows are shifted with a specialised machine called a windrow turner. This allows the windrows to aerate as required. The windrows gradually move up the site where they reach the final stages of the composting process. Once a windrow has fully matured it is quality tested.

The final windrow is then screened in several stages. The first stage of the screening process removes any plastics, metals and other contaminating materials using a specialised machine. The material is then safe to be screened into two product grades 0 - 10mm and 0-25mm.

Once screened the two product sizes are stockpiled ready to be loaded and delivered to our customers. This is the recycling process complete!

Watch our recycling process video at www.tmabark.co.uk



The recycling process at TMA Bark's open windrow processing site.



TMA Bark's Recycled Range used for potting by Barcham Trees

tma recycled^{range}

A range produced from our organic recycling process.

We are able to supply a PAS100 certified compost produced on site using modern and efficient machinery and production methods. End use of the product is ideally suited as a soil conditioner. Composted products work beneficially with fertilizer to improve nutrient use and supply to the plant increasing yields. All of TMA Barks composted products are certified by NSF-CMI Limited to PAS100 2011 and the Quality Compost Protocol 2007.

Key Benefits of TMA Barks Recycled Range Products:

- Increased soil organic matter.
- Increased soil available potassium and other nutrients.
- Increased water holding capacity.
- Stabilised soil pH and increased yields.
- Improved soil biology with increased microbial activity.



Windrow Turning at TMA Bark's processing site.



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