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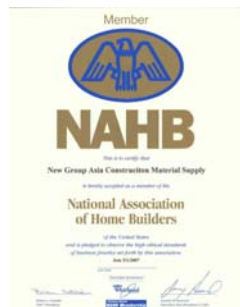


Section 1

Introduction to Ecodecking Systems

Ecodecking Systems are introducing a composite decking from NewTechWood made from recycled plastic and rice husks. The decking, available in seven different colours are durable, elegant and give the look of natural wood without the constant need of maintenance throughout the year.

NewTechWood are associated with the following:





APC Composite Decking.

Our Agro Plastic Composite (APC) decking is a remarkable eco-friendly alternative to traditional wooden decking. It provides the beauty and feel of natural wood without the inevitable splitting, fading, cracking and warping problems associated with natural wooden decking. The Agro Plastic Composite (APC) is made from natural fibres (discarded rice husks) and recycled plastic and comes with a choice of 7 different colours and 3 different profiles.

Our unique profile (SA01) is durable, easy to work with, and has minimal expansion or contraction with the weather. This, along with the fact it is impervious to frost, and is self-coloured throughout so chips will not show. The fixings have been specially designed for ease of fitting leaving a good clean finished appearance.

The decking is also backed up with our 20-year limited warranty leaving you with complete piece of mind whilst enjoying the splendours of this elegant product.

The decking requires no maintenance (beyond cleaning), requires no staining or painting, and is resistant to the following:

- Mould, Mildew or Fungi
- Rotting, Splintering or Warping
 - Water & Moisture
 - Insects

Decking Specifications

Material:	50% natural fibres (rice husks) and 50% PEP plastic
Features/Benefits	Non-slip surface, no rotting, splintering or warping
Weathering	Impervious to frost with minimal expansion or contraction
Colour Fading	10% fade ratio but coloured throughout
Maintenance Free	No maintenance or upkeep is necessary
Resistance	Mould, Mildew & Fungi. Water & moisture resistant
Manufacturing	No harmful chemicals used
Fixings	Metal or plastic easy clip system
Dimensions	Length: 5400mm (Max) Width: 150mm Thickness: 25mm
Weight	2.7kg per metre
Packaging Information	150 lengths per pack



MK01
150mm x 26mm
(5.9" x 1")



SA01
150mm x 25mm
(5.9" x 1")



PL01
148mm x 20mm
(5.8" x 0.8")

Universal Decking Colours



Grey



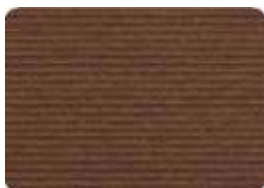
Brown



Walnut



Mahogany



Redwood



Teak



Chocolate

Section 2 - Photographs





Section 3

Summary of Available Test Reports

	PROPERTY	Test Method	VAL UE	UNIT
1.	Density	ASTM D792-2008 METHOD B	1.285	G/CM3
2.	Flexural Modules	ASTM D790-07E1	3070	Mpa
3.	Flexural Strength	ASTM D790-07E1	38.0	Mpa
4.	Tensile Strength	ASTM D638-08	21.08	MPA
5.	Water Absorption	ASTM D570-98	0.80	%
6.	Linear Thermal Expansion Coefficient	TMA	75.95	UM/M °C
7.	IZOD Impact Strength	ASTM D4812-06	79	J/m
8.	Hardness	ASTM D2240-05	D/76/1	
9.	Curling strength	ASTM D790	≥12	Mpa
10.	Horizontal Burning	UL 94-1996REV.9:2006 SECTION 7	22	MM/MIN
11.	Curling Flexible Module	ASTM D790	≥1600	Mpa
12.	Compression Strength	ASTM D143	≥30	Mpa
13.	Grip Nail Strength	ASTM D1037	≥3000	N
14.	Nail Withdrawal Test	ASTM D1761	802	psi
15.	Creep Recovery Test	ASTM D7032-SECTION 5.4	82.66	%
16.	Hot Distorted Temperature	ASTM D648	≥100	°C

All tests downloadable from our website - www.ecodeckingsystems.com



Frequently Asked Questions

1.	Who is NewTechWood?	NewTechWood has been the leading APC (Agro-plastic composite) producer specializing in outdoor decking, railing, cladding and benches, synthetic shingles and plastic pallets, since it was launched in 2004. NewTechWood has seen its popularity grow in global markets, like Europe, North America, Australia, South Korea, India and Hong Kong
2.	What is NewTechWood?	NewTechWood is a virtually maintenance free replacement for wood. APC looks and feels just like wood. NewTechWood is a permanently coloured product that will not splinter, crumble, or be eaten by insects. It can offer superior durability and performance that you can't from wood. It won't rot, warp or splinter and it never requires staining or painting to maintain great looks. When installed correctly there will be no maintenance other than periodic cleaning.
4.	How strong is NewTechWood?	NewTechWood is produced with a proprietary blend of plastic and cellulose fibre (Rice Husk). The cellulose fibre contained in NewTechWood does not allow the amount of water absorption experienced by the wood contained in most composite materials. NewTechWood has many superior features to other brands.
5.	What will occur if a chemical or petrol is spilled on NewTechWood?	NewTechWood produced with a non-chemical reactive polymer base. This is the same plastic used to hold chemicals found in your local grocery store. Any chemical or petrol must be removed immediately to prevent the cellulose fibre from staining.
6.	When the sun is beaming down on NewTechWood, will it be too hot to walk on?	In direct sunlight, the darker colours will be 20.F hotter than the ambient temperature. White APC runs about 15.F cooler than ambient temperature. Beige and light grey run about 10.F-15.F hotter than ambient temperature. Remember if NewTechWood is in the shade it will not be any hotter than the temperature of the air. It is recommended that you should not walk bare foot on your deck with temperatures about 90.F if it is exposed to directly to sunlight.
7.	Will colour fade because of exposure to the sun?	Ultra-Violet inhibitors have been added to NewTechWood to reduce colour fading due to extensive sun exposure. A slight change in colour may occur.

8.	Does NewTechWood break, melt or burn?	Under normal conditions and use, cold or hot temperatures will not affect NewTechWood APC. It will soften at 180.F with a melting point of 380.F. No product distortions or damage will occur within the service temperature range of -100.F to +125.F. Although it has a higher kindling point than wood, it is self-extinguishing when the flame is removed. APC, like wood, will burn when exposed to a continuous combustion source. Please be careful of charcoal ash and embers and use a flame retardant pad below a charcoal barbeque.
9.	What joist spacing is required when using NewTechWood for decks?	NewTechWood is more flexible than wood and has sufficient live load rating to span 16" on centre for joist support when using the 5/4" deck board. Diagonal designs require a 12" on centre for joist spacing.
10.	Does NewTechWood really last for ever?	Almost! NewTechWood uses the highest quality pre-processed components with the right amount of UV, antifungal guards and colourfast additives. NewTechWood has been engineered to last a long time- Engineers estimate it will last well past the 20-year warranty. NewTechWood is true freedom from the hassles of tradition wood products.
11.	Does NewTechWood cost more than wood?	When you consider the time you spend selecting quality pieces of wood for your project, "finishing the wood", "painting the wood", "pressure washing" and "preservative treatments" etc, and finally fooling with splinters and refinishing - after a few years, you are really saving money and time by purchasing NewTechWood.
12.	Does NewTechWood work like wood?	You can cut, nail, drill screw, turn and rout NewTechWood with standard woodworking tools. The density of NewTechWood is greater than wood that's why we recommend the use of carbide tipped blades and bits.
13.	Can NewTechWood be used as structural component?	NewTechWood cannot be used as a load bearing replacement for wood. Follow the factory approved installation guidelines and NewTechWood will produce a finished, lasting look to any of your outdoor projects.



14.	What fasteners are used for NewTechWood?	We recommend screws to fasten NewTechWood. A stainless steel, hot dipped galvanized or ceramic-coated screw will provide the lowest service life. When fastening close to the edge of NewTechWood we recommend pre-drilling your hole one size smaller than your fastener. No pre-drilling is required for fasteners used 1" (inch) away from the edge of the material. (See installation guide).
15.	Will nails and screws pull out like wood?	NewTechWood APC holds nails 90% better than wood and holds screws 50% better than wood. NewTechWood will not warp and twist like traditional wood products. Once you install the decking, it will not move upward & pull screws and nails from the wood substructure. Water and mildew that may seep into the nail or screw hole will not damage the inside of NewTechWood like wood.
16.	Is NewTechWood slippery when wet?	NewTechWood simulated wood grain surface provides an excellent surface wet or dry. The addition of cellulose fibre to NewTechWood increases the surface area of contact when wet and can even provide a non-slip surface for leather-soled shoes.
17.	How much will NewTechWood expand and contract?	Linear Expansion and contraction must be considered when installing NewTechWood. An 8' length of NewTechWood will expand up to 1/8" with a 50.F temperature change. For example, if the deck boards were installed at 50.F and the deck temperature rises to 100.F, the board will grow 1/8". Be careful when you install NewTechWood against immovable objects such as the house or rails (See installation guide)
18.	Is NewTechWood APC impervious to mould?	NewTechWood has anti-fungal guards added during formulation and has an additional surface coating to provide superior protection. It is important to follow the care and maintenance guidelines to eliminate all mould and mildew problems.
19.	Is NewTechWood APC an environmentally sound product?	NewTechWood APC is made from recovered plastics that would normally end up in the landfill. It will not contaminate the soil because it is non porous and contains none of the chemical hazards associated with pressure treated and crested wood. NewTechWood's manufacturing process is a clean, extrusion process requiring less power to produce than a board from wood. The use of NewTechWood APC saves trees and forests. and is 100% recyclable.



Section 4

List of Stockists

<u>Area</u>	<u>Name</u>	<u>Contact No.</u>	<u>Web</u>
Midlands & Surrounding Area	Smith Bros Ltd	0121 557 0077	www.enviro-materials.co.uk
North-West & Surrounding Area	EBL Group Ltd	01298 751 400	www.eblgroup.co.uk
Germany	Nordic Country Log Homes	07815 723 477	www.country-log-homes.com



Section 5

Contact Details

<u>Name</u>	<u>Detail</u>	
Ecodecking Systems	Main Office	01323 648269
	Fax	01323 439485
	email	info@ecodeckingsystems.com
Steve Obertelli	Mobile	07786 621 484
Louise Reeves	Mobile	07787 553 098
Sharon Wheeler	Mobile	07921 262 268

Banking Details

<u>Name</u>	<u>Details</u>	
HSBC Bank Plc Highfields Office Park Edward Road Eastbourne East Sussex BN23 8AS	Client Account	Sort Code: 40-20-69 A/C No: 30006858