

EcoDecking

Roofing Systems



New Tech

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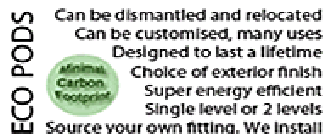
Section 1

Introduction to Ecodecking Roofing Systems

Ecodecking Roofing Systems are introducing a new 100% recycled plastic roofing slate to the UK market, which is set to revolutionise the entire roofing industry. Working in conjunction with the direct manufacturer NewTech, we offer a state of the art formulation, which provides a strong, pliable and attractive roofing option for the home or building application.

Our products also include a composite decking made from recycled plastic and rice husks. The decking, available in seven different colours is durable, elegant and gives the look of natural wood without the constant need of maintenance throughout the year.

We have been associated with the following:





Slate Specifications

Material:	100% Recycled PEP Resins with additives, colouring, and UV Inhibitors
Wind Resistance	Tested for up to 110mph winds
Freeze/ Thaw Resistance	Yes, does not get brittle under freezing temperatures
Impact Resistance	Class 4, highest impact rating possible
Fire Retardant	Class C (BRE Certified)
UV Protection	Formulation includes UV inhibitors to protect slates from harmful sunlight ensuring they do not get brittle over time.
Colour Fading	Slates are coloured with inorganic colours, and therefore you can expect less than 10 % fade ratio.
Maintenance Free	No maintenance or upkeep is necessary
Dimensions	Length: 17" (430mm), Width: 12" (300mm), Thickness: 1/2" (5mm)
Weight	21.04 kilos per pack of 22 slates
Packaging Information	Boxes of 22 in recycled packaging
Slates per Pallet	1694
Weight per Pallet	1656 kg per pallet
Slates per m2	22 x slates per square metre including allowance for ridge

Section 2

List of Sites using Ecodecking Slates

<u>Site Address</u>	<u>Description</u>
Upwick Road Old Town Eastbourne East Sussex. BN20 8NN	Conservatory Roof – Pictures A1 & A2
Eco Street Chinnor Garden Centre Thame Road Chinnor Oxon. OX39 4QS	Small Barn Roof – Pictures B1 & B2
12 Spillbutters Doddinghurst Brentwood Essex. CM15 0LT	New Build Detached House. Main Roof & Conservatory – Pictures C1 & C2
Chestnut Meadows Camping & Caravan Park High House Farm Field Ninfield Road Bexhill-on-Sea East Sussex. TN39 5JG	Shower Block, Restaurant & Shop Complete Roof Slate Covering – Pictures D1 – D4
The Big Green Loft Company 205 St Margarets Road Twickenham Middx. TW1 1LU	Work in progress - pictures to follow
Sarah Wells 65 Stanley Road East Sheen London. SW14 7EB	Second Home roof renovation in Cornwall. Work in progress - pictures to follow
Cornfield Terrace Eastbourne East Sussex. BN21	60 Sq Metres of roof renovation. Pictures not available.

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A1



A2



B1



B2



C1



C2



D1



D2





Oldest Roof To Date

Photograph of the first ever installation of the NewTech slate.

This is situated on a restaurant in Texas, USA.

They were installed during 2006 – please refer to NewTech Shingle Brochure pages 2 & 3.

This photo shows the slates after 3 and a half years in situ.





Section 3

Summary of Available Test Reports

	Name of Test	No. of Pages
1	Weathering/Ultra Violet Test	3
2	Penetration/Uplift Test	6
3	Flame Test	9
4	Temperature-Cycling Test	3
5	Wind & Wind-Driven Rain Test	25
6	Hail Damage Test	9

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



Frequently Asked Questions

1.	What is the minimum roof pitch required for the roof slate?	From 5:12 – 22.5 degrees, (less than 2:12 - 10 degrees not recommended).
2.	What are the roof slates made of?	100% recycled PEP Resins with additives, colouring, and UV Inhibitors.
3.	How are they Installed?	See our Installation Guide.
4.	What type of nail should I use during installation?	Relevant size 9.5 diameter copper, stainless steel or hot-dipped galvanised nails are recommended.
5.	The slates seem very flexible, how do they hold up in strong wind conditions?	The slates have been tested in winds up to 110mph and therefore the wind causes little or no problem.
6.	Does the colour fade?	You can expect a maximum 10% fade ratio.
7.	Do you sell caps and ridge slates?	No, the slate is flexible so can be used for all the valleys, caps and ridge areas.
8.	Do the slates get brittle in the Sun?	No, the slates have UV Inhibitors built in them to protect against harmful UV rays.
9.	Do you need to use underlay during installation?	Yes, we recommend using a non-perforated asphalt saturated felt underlay.
10.	Can the slates be cut for angles?	Yes, a Stanley knife blade or any other cutting equipment will cut the slate.
11.	How are the slates packaged & will they bond together during transportation?	The slates are packaged in boxes of 22 using a recycled film to inhibit bonding in transit.
12.	Do the slates need to be stored indoors or outdoors?	We recommend indoor storage as packaged in cardboard cartons.
13.	Besides the underlay and nails what else do you need?	Nothing, they fit straight onto plyboard with the nails and underlay.
14.	What fire rating do they have?	Class C fire rating.
15.	Will the slate damage during hail storms?	No, they have been given a class 4 impact rating.
16.	Will there be any noise problems during heavy rain or hail?	No the slates are solid and not hollow so the noise is kept at a minimal.
17.	How many slates do you get to a square metre?	There are 22 x slates per square metre including allowance for the ridge.
18.	What is the cost of the slates?	Contact our sales office or your nearest local stockist.
19.	How long does the self bonding adhesive process take?	No specific timeframe but the process is quicker during the summer months than the winter months due to the amount of direct sunlight and temperature.
20.	What guarantee to the slates have?	50-year non-prorated warranty.



Section 4

Slate Composition

The exact composition of the Ecodecking roofing slates is commercially sensitive. However, we have been given to understand that the ingredients are drawn from:

Film Scrap

Industrial film scrap
Commercial film scrap
Post-consumer film scrap
Agricultural film scrap

Type of Film Scrap

- Film on Rolls
- Laminated & Printed Film
- OPS Film
- LDPE AG Film
- LLDPE AG Film

Industrial Disposal

Supersack Recycled Bags
EPS Bricks
WEEE

Domestic Disposal

PET Bottles
HDPE Bottles
HIPS Wheel
Hangers



Section 5

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 6

Contact Details

<u>Name</u>	<u>Detail</u>	
Ecodecking Systems	Main Office Fax email	01323 648269 01323 439485 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