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### The Liniar verandah and decking system from HL Plastics

The Liniar brand has become synonomous with quality and style. All PVCu components are manufactured in our modern 90,000 sq. ft. manufacturing facility in the heart of Britain. In partnership with our nationwide network of approved distributors, we can offer a quality product, the highest attention to design and engineering details and a great level of customer service, all at a competitive price.

We are the only UK company to offer the complete package; component design; modelling; tooling; production; stocking and delivery. Our range has been carefully designed and crafted to add real value, functionality and style, but also to meet the strictest environmental legislation. The whole system is completely lead free and uses recycled materials wherever possible.





# Enhance your outdoor space

Increase your living space and extend your caravan into the fresh air with a verandah and decking system from Liniar.

Install a decking area and increase your available living space by up to 50%. Use the extra space to suit your lifestyle; lounge in the sun, dine outdoors, relax with a book or simply watch the world go by.



Whether it is a caravan or lodge, we have a verandah that will complement the style. Our system is available in a choice of contemporary colours which you can mix and match to create your own co-ordinated design. They are a maintenance free solution to your outdoor living needs. The decking is manufactured with an anti-slip tread for additional safety.

For caravans and lodges with white or cream windows, there is a choice of white, cream or beige ballustrading, and each colour can be mixed and matched to suit your individual preference.







For caravans and lodges with green or woodgrain windows, Liniar offers a choice of three standard foils: Forest Green, Rosewood or Golden Oak and a further 15 as specials for the ballustrading – each using the same foil that

is used on the windows, therefore providing the perfect colour match. They offer a woodgrain effect which further enhances the look of the ballustrading, they are colourfast and guaranteed.

Our verandah system has been designed with great attention to detail to ensure the highest levels of quality from its manufacture, all the way through to its fitting by our network of approved installers.

Each bottom rail is supported by a galvanised steel reinforcement giving a strong, secure ballustrade which offers more fire resistance than traditional materials to Class 1.







# Sub frames, deck boards and

### Giving you support

Liniar's galvanised steel sub-frame creates the ideal base on which to build a verandah. By reinforcing the posts and ballustrades with steel, there is no timber to create a fire risk or to rot in damp conditions.



The steel sub-frame is simplicity itself. It consists of just two components - a steel 'I' beam and its connector. The sub-frame is easily connected into a grid pattern and the deck boards are fixed directly to the steel joists.





## ballustrades

Our deck boards have been purposely designed and incorporate some great features. They offer an anti slip surface which has been successfully tested to British Standard 7976. It sits on our galvanised steel sub-frame so offers a great level of strength and durability. The deck boards are slightly domed to offer extra drainage and are available in a choice of four colours. They can be mixed and matched with the ballustrading to suit the overall style of the caravan or lodge.

There is a choice of vertical pickets available and these are topped off by what we believe, is the best handrail on the market with its pleasant feel and attractive sight lines. As well as the standard post caps there is a choice of decorative mouldings to add to the look along with the option of post-top lights to create a welcoming and warm evening atmosphere.

Additionally, all our PVCu deck boards carry a Class 1 fire rating.

The ballustrading is available in six standard finishes and the pickets come in four different styles.





# Decisions, decisions...

### Colour and finish options

The Liniar verandah and decking system is available in a choice of finishes and colours so you can tailor yours to suit the style of your caravan or lodge.

### Ballustrade colour options:





A range of colour options for our ballustrade system is now available.

Please contact us for more information.

### Deck board colour options:



Note: These colours are representations only









Accessorise your verandah

You can customise your Liniar verandah with our range of accessories. The ballustrade post caps are available in four styles – plain, gothic, ball or acorn – to add a striking effect to the finished verandah.

To add that extra touch and allow you to use your outdoor space for evening entertaining, Liniar offer a choice of two lights – coach or globe – which fit onto the post caps.

To accessorise your systems further, wrought iron-look scrolls can be fitted between the pickets. Skirting can be fitted below the verandah to hide the underneath of the caravan and provide a degree of insulation and additional storage space.



Glass panels can also be fitted between the fence posts to give a more contemporary style.







# Steps and ramps

The versatility of the Liniar system allows for the easy addition of various attractive and cost effective add-ons to provide you with ease of access, extra storage and additional security.

A set of steps is often a necessity, but are not always very sturdy or attractive. By utilising the galvanised steel sub-frame within the Liniar system, steps can be fitted securely and enhance the appearance of any verandah by creating a personalised entrance.

Ramps provide a gradual incline which are particularly suited for disabled access and families with pushchairs.

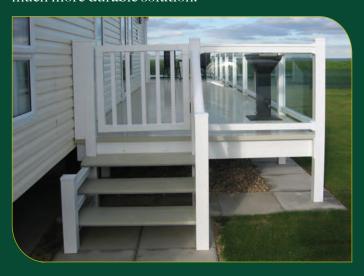




# Gates and skirting

A locking gate adds an element of privacy and security, and is particularly useful for those with children or pets.

Liniar's 'Gate Elbow' means that gates of bespoke sizes can easily be provided. Welded gates have a tendency to split at the bottom corners over time, but our 'Gate Elbow' is a much more durable solution.





Several styles of skirting are available which provide the finishing touch and offer an additional storage solution. Skirting also allows the unsightly services to the van to be hidden away. Access will still be needed and so the skirting can be installed to include outside taps along with hinged and latched access doors.



The skirting is available in the full range of colours and finishes to complete the range of additional add-ons. The range can be configured to fit different shapes, sizes and plots.





# Enhancing homes and gardens

Not only are Liniar a major player in the caravan decking market we also manufacture fencing systems, plastic piling, doors and windows for the domestic market.

#### Post & Gravel Boards



The stylish range of PVCu post and gravel boards offer an attractive alternative to more traditional fencing products.

They can be installed in exactly the same way as concrete or timber products but offer a more flexible and durable solution. Available in a range of colours, and with optional post caps to tailor your fencing to suit your surroundings, they are a great maintenance free alternative.

#### Plastic Piling





HL Plastics began manufacturing plastic piling in 1994 in Derbyshire and has consistently increased its share of the market as more customers become aware of the benefits.

Ideal for use on caravan parks around the perimeter of lakes and large ponds to maintain the shape over the years, and as a flood defence in flood risk areas.

Benefits to the HL Plastics' range of piling:

- Does not rot or rust Manufactured from recycled plastic
- Maintenance free Manufactured in the UK by ourselves, so reduces the environmental impact of the cost of transport Maintains its original appearance over time

### Windows

Liniar is a market leading window system. Our system is BSI registered and is designed for high energy efficiency. It consistently achieves high energy ratings because it needs virtually no steel reinforcement. It uses multiple chambers to lock in the heat and high performing seals to ensure there are no gaps for heat to escape.



The complete Liniar system is lead free. The dangers of lead are well documented and we are extremely proud to be one of the few UK window systems to offer an entirely lead free range of products.



Our Secured By Design accreditation illustrates our commitment to quality and security, and we are the first PVCu systems company to be awarded with the prestigious BBA certificate.





### Bi-Folding doors

Liniar's Bi-fold Plus range of folding-sliding doors will transform, modernise and add real value to any home. Our bi-folding doors are some of the most attractive, simple to use, energy efficient and secure on the market. Designed to enhance your home they will maximise the space available.







Fully opened Liniar's Bi-folds are slim and unobtrusive, and when closed they offer all the benefits of a modern double glazed patio door. Slim frames give you more glass, less PVCu and more natural light. The hardware is concealed so only the hinge knuckles show.

Low threshold options are ideal for wheelchair users and family homes as they create fewer trip hazards for the elderly and the very young. Available in a varied range of colours and finishes, your door can easily be tailored to suit your personal taste and home.

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The picket fencing system is ideal for any application where free standing boundary fencing is required. Manufactured using lead-free window grade PVCu, the system is quick and easy to erect.



The fencing system will not warp or rot and requires no maintenance other than the occassional clean.





It's perfect for the following applications:

Park boundary • Club house fencing •
Outdoor swimming pools • Hide unsightly recycling/refuse areas • Children's play areas •
Sports fields



### Our network

Over the years we have built up partnerships with an approved network of trusted installers across the country. This allows us to concentrate on what we do best - the design and manufacture of our products. Operating from the heart of the country we are ideally located to service our network of installers.

Please contact Liniar directly to be put in touch with our nearest installer where your caravan is situated.

Telephone: 01332 883900 • E-mail: enquiries@liniar.co.uk







### Accreditations and test results

- All components (except steel) are made in our own factory to ISO 9001:2008
- The deck boards have obtained a Class 1 Fire Test Certificate to BS476:Part 7:1997



- Slip Resistance has been tested to BS7976; Part 2: 2002. Slip resistance was found to be good in both dry and wet conditions
- Wear resistance has been tested to BS EN 660-2:1999 and BS EN 428:1993

## Cleaning and maintenance

Liniar PVCu verandahs with steel subframes are virtually maintenance free so you have more time to enjoy your extra space. When you feel the ballustrade needs a clean, all that's needed is warm soapy water and a soft cloth. A stiff bristled brush is recommended to clean the deckboards. (Jet washes may also be used.)











