

Hampton Range

DESCRIPTION: Solid Cellular- Foam Polymer profiles specially developed as Specifiers demand higher performance without compromising the traditional look and feel of a quality timber painted shutter.

This unique Shutter features solid core extruded components and internally reinforced structural Aluminium to maintain strength and trueness of the profiles. This attention to engineering detail ensures a far stronger and more durable than Wood or Vinyl Shutter.

Polywood is new technology polymer foam - a solid, non-toxic, synthetic material. Polywood is water resistant, fire retardant. Polywood's insulating properties are compliant with Low E, Low U ratings.

A specially formulated paint system applied as high build excellent bonded adhesion ensures a far superior paint finish and peace of mind against ageing, peeling or cracking. The paint is precisely matched to Powder Coat opacity and sheen to make it possible to build composite painted shutters. A combo shutter provides the ultimate high integrity shutter emulating the finest qualities of handcrafted wood with added advantage of secure, precise engineering.

All of our Shutters employ the patented LouverMate® No Tilt Rod blade operating system. Our point of difference offers not only a clean unobtrusive view, but also ensures precise closure of blades and the opportunity of remote motorization as well. This new technology guarantees the performance not offered by any other shutter in the world.



FEATURES & BENEFITS:

Engineered Polymer Synthetic Extrusion	PVC Solid Cellular- Foam. All profiles incorporate internal Aluminium reinforcement.
Looks & Feels like real Timber	Our profiles are colour matched to our standard range of powder coat as well as custom colours. The Hampton's distinctive point of difference is that it doesn't look different at all! Its notable character is that it possesses all the hallmarks of a perfectly finished timber profile but will outlast it by many life times. In keeping with the high degree of engineering research we carry out on all of our developments, our embedded paint system exclusive only to us contains anti yellowing, high bond agents IV - UV inhibitor. Our standard colours are suitable for exterior conditions.
No Stick or Tilt Rod	Featuring world patented LouverMate actuation mechanism - No staples to work their way loose, no tension rod or screws to work loose, no unsightly stick to detract from the view. Some competitors offer the stick on the side; it's still ugly and unreliable. An important observation is the accuracy of our blade closure compared to the poor uncoordinated closure of others. Less moving parts means less to fail. Refer to separate warranty statement
Solid Extruded Core	Reinforced with Aluminium, this makes blades as straight as an arrow...an important consideration in comparing low quality softwood timber shutters such as Basswood or MDF or hollow vinyl profiles. Refer to blade span tables.
Cellular Structure offers insulating co efficiencies	Offers insulating properties 3 times greater than aluminium offering superb light, noise & temperature insulation. Solid profiles offer proven thermal and structural advantages over hollow Vinyl which have the lowest insulating value of any shutters in the market. Low SGHC. Refer energy ratings.

FEATURES & BENEFITS CONTINUED:	
No Moisture Absorption	Guaranteed against water permeation which certainly cannot be warranted by natural woods. Kitchens, bathrooms and Pool Cabanas will benefit from this inclusion.
Fire Retardant	Flammability and smoke indexes and low spread of flame certification offers design advantages in fire prone zones. Polywood has passed the Flammability test in accordance with UL94 compliant to IEC 60707, 60695-11-10 and 60695-11-20 and ISO 9772 and 9773.
100% Recyclable	Appeals to the environmentally conscience Specifier. It's made of wood grain waste and reclaimable polymers.
Colour Fastness	Unlike other PVC shutters in the market, our shutters are wet spray applied with a specially formulated single pack acrylic lacquer. This high bonding formula requires no under coat, rather it has high build solids foundation which achieves deep silky paint finish. The base material is a high TiO2 polymer to ensure superior UV protection. We can paint any colour in Acrylic Lacquer to match a desired scheme. Some Vinyl shutter sellers supply unpainted shutters relying only on the gloss finish of the tooling to emulate an acceptable finish and it is easily noticeable. Our special formula paint embeds into the polymer; it cannot be scratched off the surface ever!
No Splitting, Chipping, Cracking or Rotting	Unlike some of the cheaper timber shutters on offer such as Basswood or MDF or imported poplar tree woods, we offer an unconditional warranty of performance.
Adds Value to your Property	It's a shared view that a quality Plantation Shutter adds value to a home or project. It is equally agreed that a poorly finished or constructed shutter will detract from the surrounding quality inclusions and deflate the value of that home.
Easy to Clean & Maintain	Wash down, wipe down or feather dust, No solvent based cleaners to be used.
Termite (White Ant) Proof	Apart from this unique timber look composite, only natural Cedar has this character built in as protection against insect boring.
No End Caps	As with natural wood the sawn end grain has a clean and unobtrusive appearance. There are no extraneous end caps, bad edges unlike other vinyl shutters on the market.
Extensive Warranty	10 year performance warranty out lasts any timber shutters on the market.
Substantial Frame Sizing	Our Frame size of 28mm thick x 60mm wide is reinforced with internal Aluminium section to ensure the same structural integrity offered in our Aluma Series. Light weight compared to Aluminium and approx same weight per mass as Cedar. Special PVC glue and stainless Steel screwed construction of frame ensures a structural frame built to last.
Design Diversity	Our shutter profiles are fully interchangeable. That is, we can input CedarLook® Woodland Series blades into an Oceana suite frame, produce glass hi light windows incorporating Polywood Shutters, and more. The advantage of that combo may be an aesthetic appeal, durability or a security concern.

TECHNICAL INFORMATION:

Blade Profile	Classic 90	Euro115
Frame Suite	Oceana Hampton Suite Polywood w/ reinforced Aluminium	Oceana Hampton Suite Aluminium w/ reinforced Aluminium
Frame Dimensions	<u>Rails</u> - 70 x 25mm or 107 x 25mm <u>Stiles</u> - 60 x 28mm or 90 x 28mm	<u>Rails</u> - 70 x 25mm or 107 x 25mm <u>Stiles</u> - 60 x 28mm or 90 x 28mm
Blade Dimensions	90mm x 12mm	115mm x 16mm
Blade Projection	31mm	43mm
Blade Operation	350°	350°
Blade Grouping / Banks	Max 20 blades per bank	Max 20 blades per bank
Pitch of Blades / Centres	80mm	103mm
Opening Vista	65mm	87mm
Total Mass Kg/m ²	8kg/m ²	8kg/m ²
Max. Panel Width	800mm	900mm
Max. Panel Height	2400mm (Midrail required after 1800mm)	2400mm (Midrail required after 1800mm)
Colour Range	Satin White, Off White All custom Colours	Satin White, Off White All custom Colours
Paintable	Yes (Single pack high build Acrylic Lacquer)	Yes (Single pack high build Acrylic Lacquer)
Mullions	Yes if panel over max width. Back to Back stile.	Yes if panel over max width. Back to Back stile.
ShutterGard (Security)	Yes (Patented)	Yes (Patented)
Cyclone Rated	Yes (Patented)	Yes (Patented)
Acoustics	Excellent (subjective test)	Excellent (subjective test)
Insulation	Excellent (Low U Value)	Excellent (Low U Value)
Motorization	Yes, hard wired or battery	Yes, hard wired or battery
Hinged	Yes, Max width 800mm	Yes, Max width 900mm
Sliding	Yes, Bottom or Top run systems	Yes, Bottom or Top run systems
Bi-folding	Yes	Yes
Drop Fixed	Yes 50/25 Channel	Yes 50/25 Channel
Wall Trim	Yes	Yes
Bracket Fixed	Yes	Yes
Sun hood T Welded Brackets	Site conditions apply	Site conditions apply
Sun hood Post Brackets	Yes	Yes
Roofing System	Not recommended	Not recommended
Triangular Shapes	Yes	Yes
Flat Packs	No	No
Combo shutter Option	Yes	Yes
Fixed Blades Option	Yes	Yes