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FEBRUARY NEWS:

It's February and we're well and truly into the new year! We've made many new developments over the past 12 months, and have many more exciting advancements ahead of us. We appreciate your feedback on our new products and are continually striving to bring you new updates with each month.

As always - we love hearing from you! If you have any questions, feedback, testimonials or photos, please don't hesitate to contact us.

THIS MONTH IN WINTEC NEWS:

- 1 Staff Spotlight (pg 2)
- 2 Feature Product (pg 3)
- 3 Ulltraclad Project (pg 4)
- 4 Key Message (pg 5-6)



// PHOTOS

We'd love to see your work! If you have any photos of recent projects using our products, please email them to us at:

kasey@wintecsystems.com.au



// CONTACT

As is the norm with any thriving business, there are often changes with staff and procedures which inevitably result in changes to email addresses, phone numbers etc.. Have we got your current details? We would appreciate your confirmation with your existing details or a follow up with any new changes that may have happened recently. Please send your details to:

sharon@wintecsystems.com.au

GET ACQUAINTED WITH OUR WINTEC SYSTEMS TEAM...



DANIEL PHYTHIAN

Daniel provides technical assistance to the fabricator network. He also offers software support on the V6 estimation package. This is something he's excellent at having had worked with V6 since the 2.1 Database.

Previously to this role, Daniels primary focus was with architectural housing and large glass facades, working as a Commercial Estimator and Draftsman.

His aim for the future is to transition every fabricator to the new V6 3.6 Database; add extra suites and configuration; and continue to work closely with Softech to benefit our fabricators.



JOSHUA LIVESEY

Josh is the Wintec Systems Warehouse and Factory Assistant.

His main role is to receive Wintec Systems component and hardware orders from national fabrication and customer network then process pack and dispatch orders nationally.

Josh also assists senior staff with the assembly and fabrication of custom Wintec System components.

He aims to continue to gain experience with Wintec Systems products, fabrication, and internal sales to be of further assistance to customers in future.



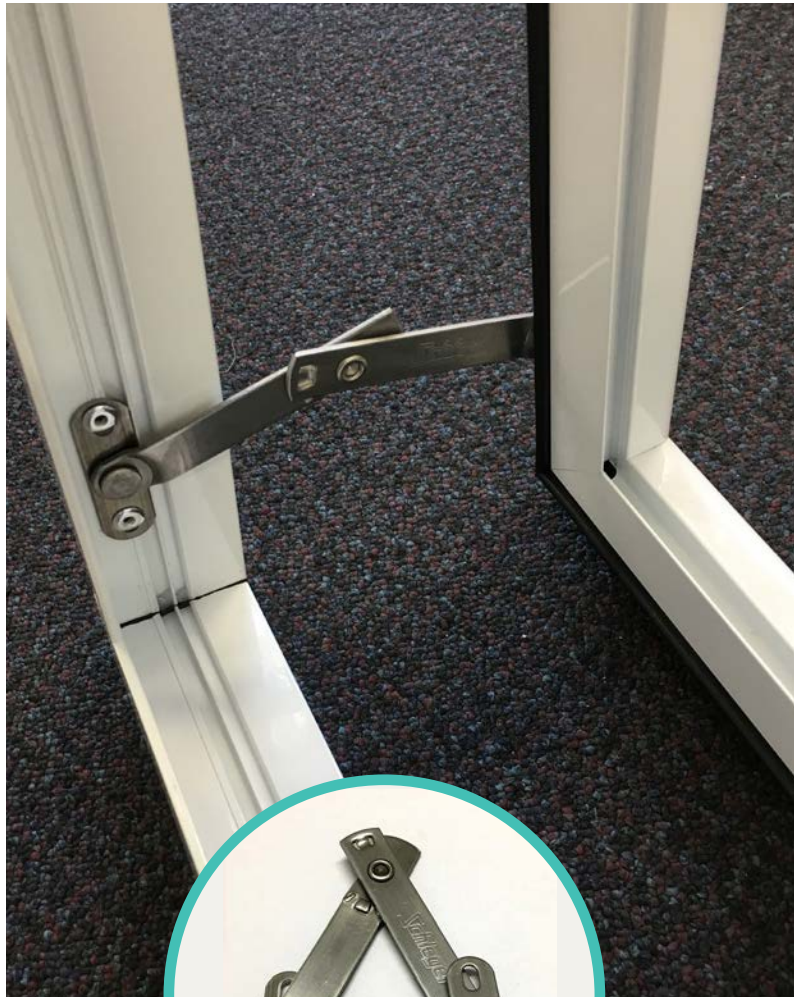
JUSTIN MURRAY

Justin is a communications and technology professional with experience in product design and development,

Over many years he has experienced all aspects of the product life cycle from concept, through engineering, to solution-sales and support.

His role is to assist Wintec Systems technical sales and services team in designing and developing smarter, more efficient window and door systems.

He aims to offer innovation alongside his vision and passion for newer glazing technologies.



SWA017

SASH RESTRICTOR STAY

Available in pairs
Cost= \$8.20 + GST

WHEN FITTED INTO POSITION WITH 4.8mm x 11.1mm STAINLESS STEEL PAN HEAD RIVETS, THE SWA017 SASH RESTRICTOR STAY CREATES A SECURE AND RESTRICTED OPENING.

- When used in conjunction with our PD Series Sash Stays, the SWA017 allows for versatility of use in either an Awning or Casement Window.
- Available in Stainless Steel



This work-in-progress features vertically applied Ultraclad Shadowline UA6478 in the colour "Surfmist Satin".

JOB SITE: 7 Mary Street, Alexandra Headland
Sunshine Coast, QLD

BUILDER: Cole Projects, 1/13 Sunrise Drive,
Maroochydore, QLD

ARCHITECT: Blackburne Jackson Design, 37
Aerodrome Road, Maroochydore, QLD





KEY MESSAGE

CHANGES TO THE NATIONAL HOUSE ENERGY RATING SCHEME



In response to the update of the National House Energy Rating Scheme (NatHERS), and impending changes to the accredited software packages (including AccuRate, FirstRate5 and BERS Pro) the AWA has compiled this key message.

The National Administrator of NatHERS has announced that all of the accredited software packages are updating their calculation engine to the CHENATH engine. The update to the engine has implications for the selection, use and compliance for window products when modelled in the NatHERS software packages for compliance with the NCC and BASIX.

CHANGES TO THE SOFTWARE PACKAGES

Inclusion of Default Window Selections

The default windows were developed by the Australian Fenestration Rating Council (AFRC) at the request of the NatHERS Administrator to provide window library files for 88 representative window designs.

The default windows are a set of statistically derived window performance selections that are used by energy raters when it is not known which window products will actually be used in a building.

All three software packages are required to remove the current "generic" window data and replace it with the default windows.

The default windows cover all products for multiple types of single and double glazing options. They are also split into two different operator group types to account for the varying performances of different window operator types.

For a full list of the Default window performance data please visit the [WERS Member Area website](#).

Default Windows Split by Operation Type

The default windows are matched to real products

by window performance in terms of Whole of Window U-value (U_w) and Solar Heat Gain Coefficient (SHGC_w).

The new default windows are now split into two groups: Group A and Group B. These groups were developed because of the differing SHGC results that are common when comparing window products such as Awning Windows and Fixed Windows.

When an energy assessment certificate is produced for a building, each default window includes a code to indicate whether it is a Group A or Group B product. The energy assessors must choose the correct group based on the window type in the plans for the assessment to be compliant. This code is found in the description of the window system in the software packages. For example:

ALM-001 Aluminium **Group A** SG

The groups for the different operating type of window are:

Group A	Group B
Awning Window	Double Hung Window
Bifold Door	Sliding door
Bifold Window	Fixed Window
Entry Door	Stacker door
Casement Window	Louvre Window
French Door	Sliding Window
Tilt'n'Turn Window	
Hinged Door	

Inclusion of WERS Rated Windows

In the latest release of the AccuRate software package, custom rated WERS windows can be imported. Energy Assessors are able to access a database of window files through the AFRC that can be imported into the software allowing them to select a specific window. This option can be used





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to increase the accuracy of the modelling for the home owner. When a WERS rated window is used in a house energy rating, it will appear in the house energy rating certificate and compliance with the energy efficiency requirements will automatically be met.

When custom-rated windows are used, the SHGC value must be matched exactly should another window be eventually used.

CHANGES TO THE NATHERS CERTIFICATE

Under the updated software accreditation, a universal certificate is generated. Each of the three software packages use the same certificate and it includes the details of the windows used in the energy assessment of the house. The new certificate is available in two versions; one for accredited energy assessors that includes the NatHERS logo (figure 1) and one for non-accredited assessors without the logo.

COMPLIANCE WITH THE NEW NATHERS CERTIFICATE

Compliance with the new versions of the software has been revised. As before, any window with an equivalent or lower U-value than that stated on the report will achieve compliance. However, the SHGC must meet the requirement on the front page of the certificate. The new certificate indicates the range of SHGC performance for the house in order for the windows to be compliant with the star energy rating. As shown in figure 1, the front page of the certificate has a box (figure 2) indicating the performance levels that can be used to meet compliance. The SHGC tolerances can only be used if they achieve a 6 star or higher rating.

DISCLAIMER:

This key message has been developed to provide general guidance, awareness and education to AWA members and consumers. It should not be viewed as a definitive guide. While every effort has been made to ensure the information is accurate the AWA expressly disclaims all and any liability to any person for anything done in reliance on this publication. No responsibility is accepted by the AWA for any mistakes, errors or omissions in this publication.

Figure 1 New NatHERS Universal Certificate.



Figure 2 Window Selection Criteria from New NatHERS Universal Certificate.

Window selection – default windows only

Note on allowable window values: With a 10% tolerance to the nominated SHGC window values shown on page 2, the following ratings are achieved:

-10% SHGC	6.3
+10% SHGC	6.6

NB: This tolerance ONLY applies to SHGC, the U-value can always be lower but not higher than the values stated on page 2.

If the rating listed above falls below 6.0 stars or the required rating, then the window with this tolerance can NOT be selected.



