

sapa:

buildingsystem

ARCHITECTURAL ALUMINIUM SOLUTIONS

# DUALFRAME 75 Si

Pivot and Reversible Windows



U Value  
1.3 as standard\*  
\*pivot

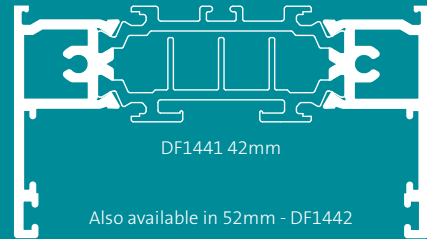
'A+' WER  
Rating



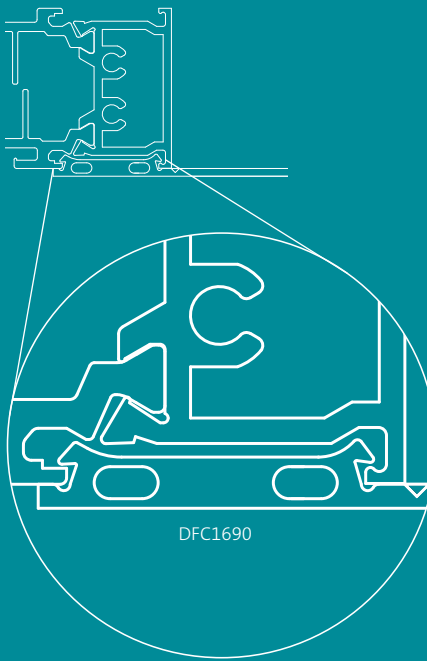
# OTHER DUALFRAME Si ENHANCEMENTS

As well as offering the new window variants, we have also made improvements to the Si range as a whole:

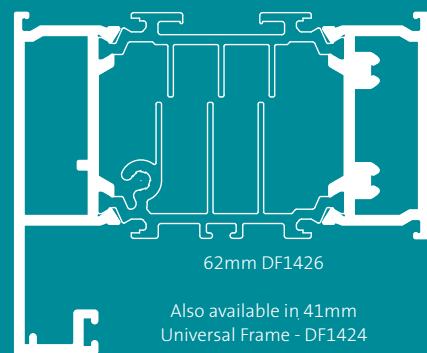
- Extended leg universal frame profiles for greater flexibility in the interface with adjacent materials.



- Membrane retainer detail that locates in bead groove on the perimeter of the frame.



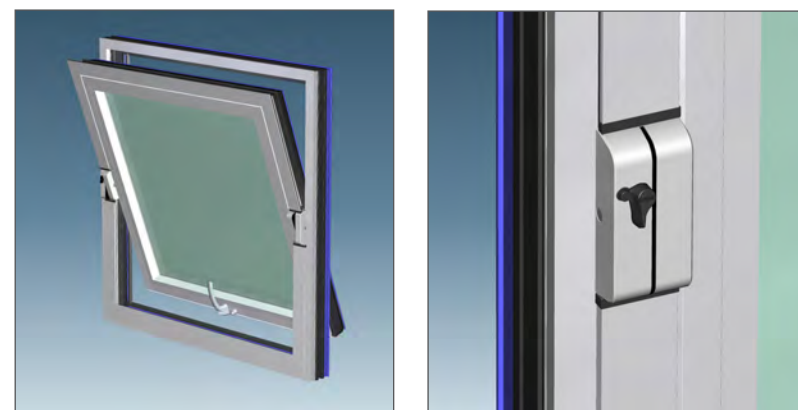
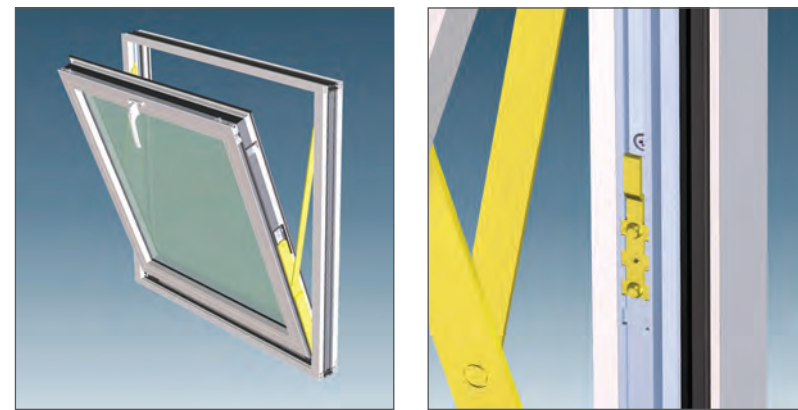
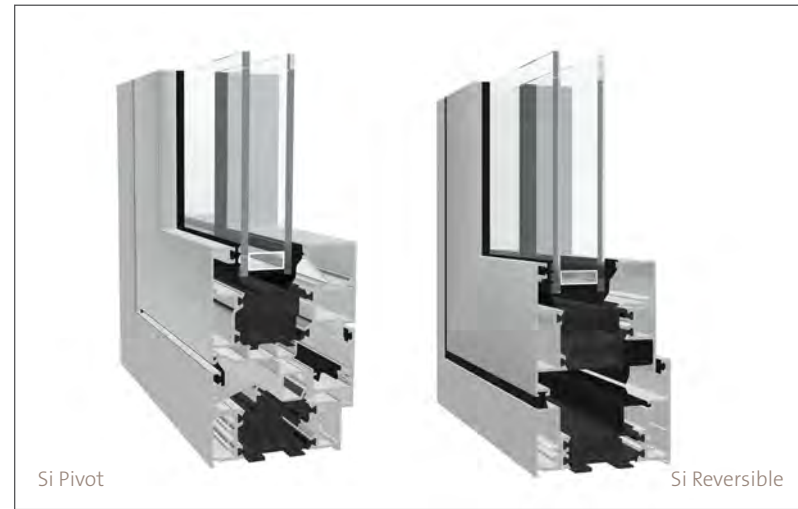
- 62mm deep box outer frame or 41mm universal frame for deeper plaster lines



# DUALFRAME 75 Si THE SPECIALIST WINDOW SUITE



We are pleased to announce the launch of two new additions to our advanced energy efficient Dualframe 75mm Si range. The most versatile window system now has even more features with the introduction of our new Pivot and Reversible variants. These products are complementary to the existing Dualframe 75 Si suite and offer a wide range of different options to you and your client.



# KEY FEATURES & BENEFITS

## Compatible with the full Dualframe 75 Si suite

Can be used with the existing casement and TBT windows as well as our curtain walling systems.

## No additional tooling required

Helps the ease and speed of fabrication, no additional set up costs.

## Low U values easily achievable

Low U values can be achieved with using standard double glazed units reducing costs.

## Internal/External glazing frame options

Reduces the need to stock different frames, reducing costs and lead times.

## Super insulated profiles without additional fillings

Advanced polyamide thermal break technology for increased thermal efficiency without the additional fabrication cost of filling materials.

## Standardisation of hardware and accessories

No need to stock additional hardware as existing hardware, locking system and keeps are utilised.

## Option of different opening lights in the same frame

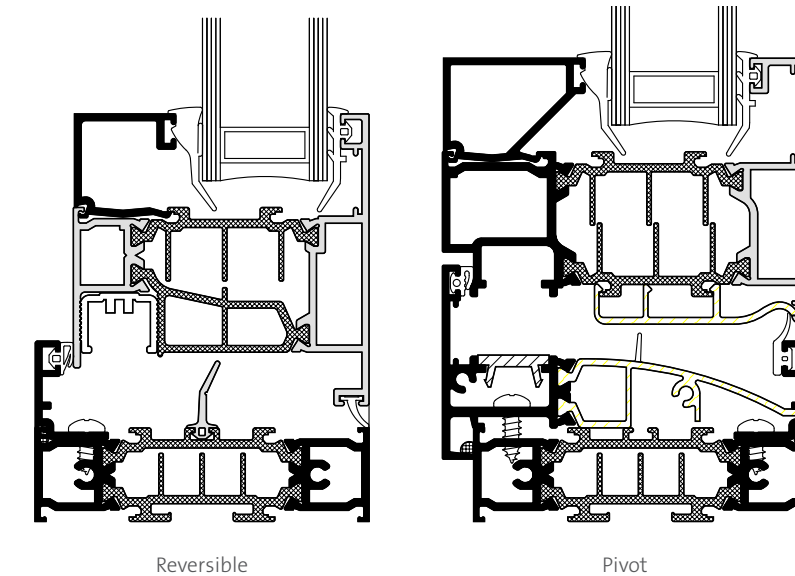
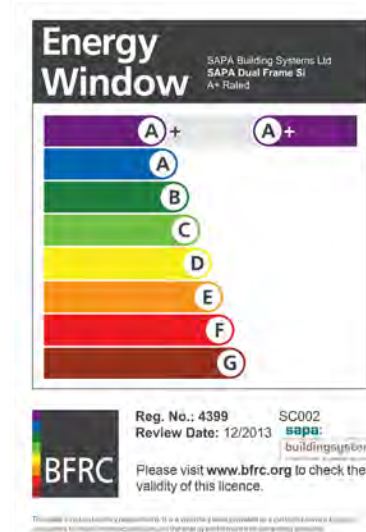
All the different variants of opening lights can be used in the same Dualframe 75mm Si frames.

## Certified security

Conforms to the stringent PAS024 and Secured by Design specifications.

## Future proof 2019

Part L 2019 Compliant and standard manufacturing process. No repeat tooling set up and training costs.



# SPECIFICATION

## Pivot

- Vent Size Max. 1640mm (H) x 1640mm (W)
- Vent Size Min. 780mm (H) x 780mm (W)
- Fixed lights 5m<sup>2</sup>
- Glazing Thickness to 50mm
- Vent weight to 90Kg HP and 60Kg VP
- PAS024 and Secured by Design compliant
- A+ Rated WER
- U Value of 1.3 W/m<sup>2</sup>K with standard DGU

## Weather Performance

### Horizontal Pivot

Air Permeability	Class 4 600Pa
Water Tightness	Class AE 900Pa
Wind Resistance	Class A5 2000Pa

### Vertical Pivot:

Air Permeability	Class 4 600Pa
Water Tightness	Class 8A 450Pa
Wind Resistance	Class A5 2000Pa

## Reversible

- Vent Size Max. 1320mm (H) x 1320mm (W)
- Vent Size Min. 495mm (H) x 495mm (W)
- Fixed lights 5m<sup>2</sup>
- Glazing Thickness to 50mm
- Vent weight to 60Kg
- PAS024 and Secured by Design compliant
- A+ Rated WER
- U Value of 1.4 W/m<sup>2</sup>K with standard DGU

## Weather Performance

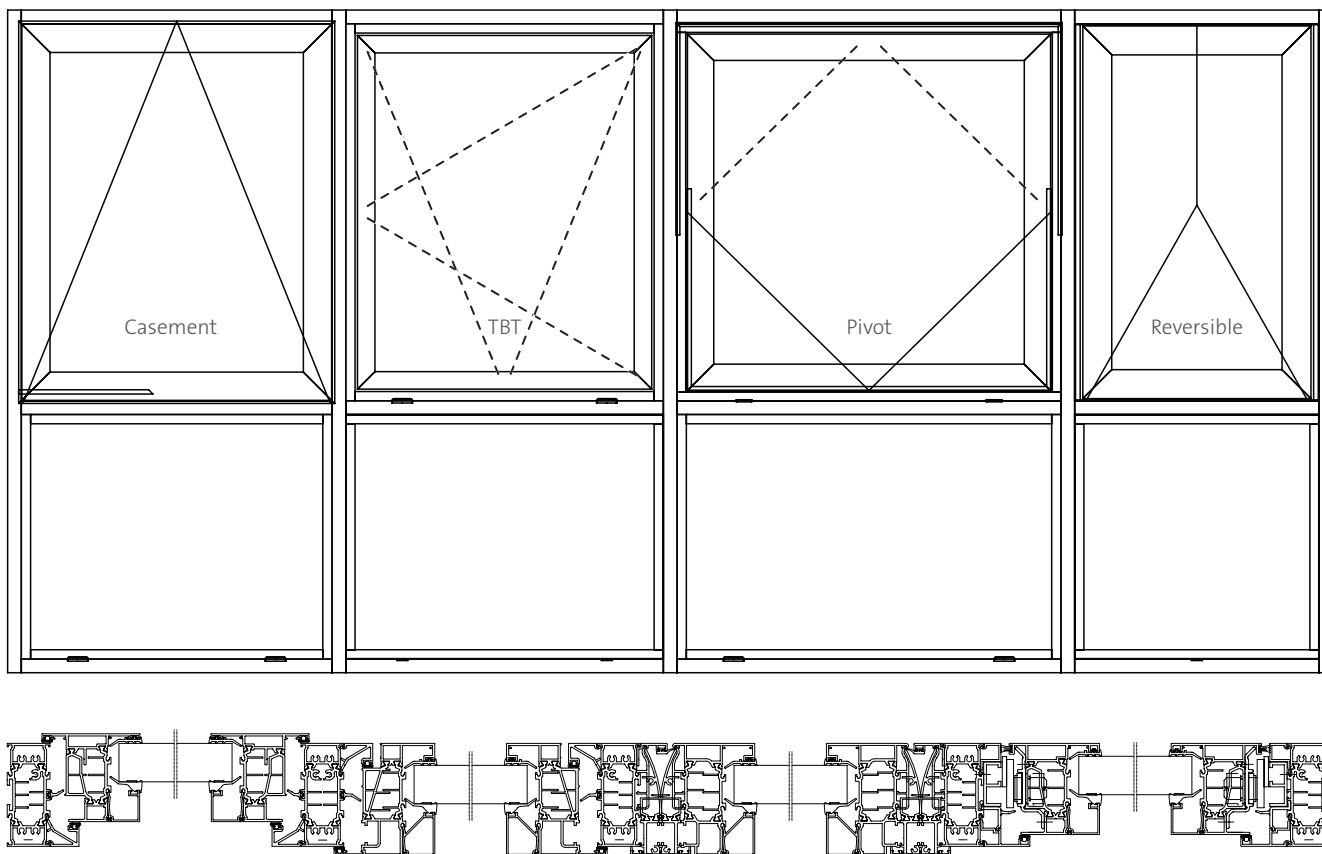
### Opening Lights:

Air Permeability	Class 4 600Pa
Water Tightness	Class 9A 600Pa
Wind Resistance	Class A5 2000Pa

### Fixed Lights:

Air Permeability	Class 4 600Pa
Water Tightness	Class 9A 600Pa
Wind Resistance	Class A5 2000Pa

# ONE FRAME... ENDLESS OPTIONS



Universal frames can be used to create the most complex of screens easily combining casement, TBT, pivot and reversible opening lights, as well as inside and outside glazing.

As with all new product launches, we need images of the products installed. If you have installations that you think might be suitable then please contact our marketing department. If selected, we will engage a professional photographer to take a selection of images and a full set of the images taken will be available to you to use in your own marketing materials - all at no cost to you.

## CONTINUOUS IMPROVEMENT: BETTER PERFORMANCE

Our policy is one of continuous development and consequently we reserve the right to vary the products and their performance specification shown in this literature without notice. The images shown in this brochure are for illustration purposes only and must not be relied upon for specification. All products and systems which Sapa supply are supplied subject to Sapa's standard Terms and Conditions of Sale.

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