



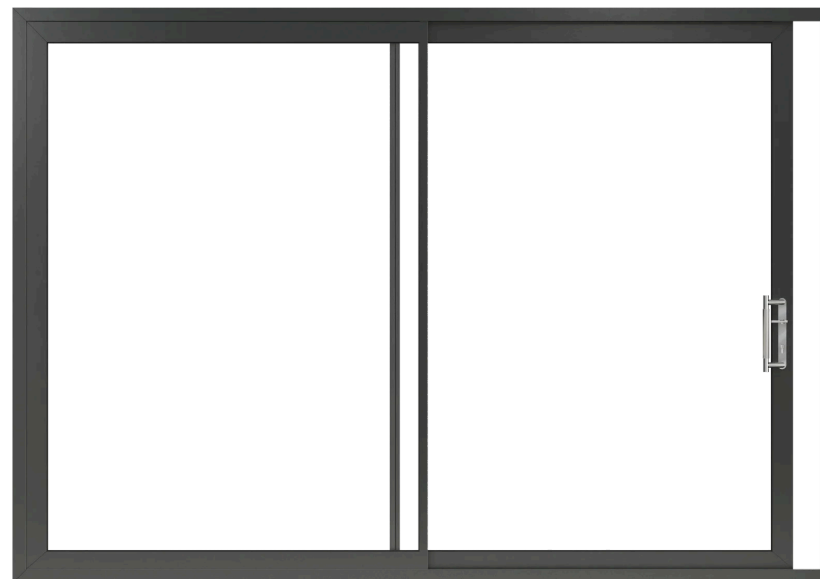
origin Spec Guide

OS29+



Spec Overview

OS29+ Sliding Door



Profile Specification

Double Track Frame Depth	167mm
Triple Track Frame Depth	249mm
Track Height	50mm
Interlock Sightline	29mm
Central Locking Stile Sightline	156mm
Glazing Options	28mm, 44mm and 46.8 mm



Features

The features of OS29+ are really what makes it a design statement, as well as the right choice when it comes to thermal performance.

- Modern look, with sleek design
- Exceptional performance - U-Values as low as 0.78 W/m²K
- Squared bead
- 3-Star Diamond Cylinder with Multipoint lock
- Stainless steel all-in-one handle
- Concealed running gear
- Colour-coded gaskets
- Colour-coded metal interlock caps
- Available in over 150 RAL Colours
- Marine grade powder coating
- Up to a 20-year guarantee on parts*

*Visit [origin-global.com](https://www.origin-global.com) for Terms and Conditions

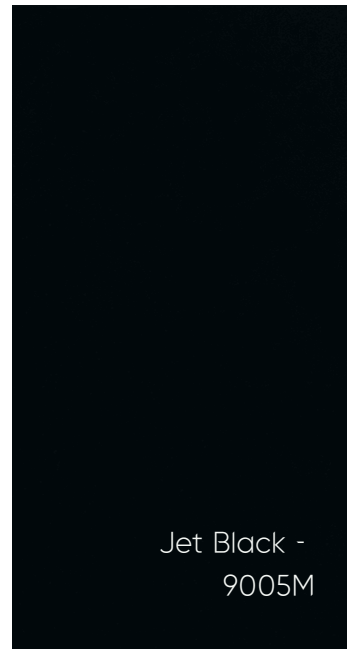


Colours

OS29+ is available in the following popular colours, along with Hipca White - 9910G/M, and in over 150 special RAL colours.

All colours are available with an optional Marine finish.

Visit origin-global.com for up-to-date lead times.



Options and Extras

OS29+ has an extensive selection of flexible design options to fully customise any living space.

- Flush stacking
- Trickle vents
- Colour-coded gaskets
- Full 3-Star Cylinder
- 240mm cill
- Multiple Drip Bar sizes
- 35mm frame extender
- Signature Knurled or colour-coded handles
- External lead door
- User specified split widths
- Steel-style glazing bars



Hardware Options

Handle Colours

Signature Knurled	Antique Brass	Brushed Black	Brushed Bronze	Rose Gold	Satin Brass	Satin Stainless
All-In-One	Stainless Steel			Colour-coded		
Patio D	Anthracite	Black	Stainless Steel	White		

Hardware

Cills	240mm			
Drip Bar	60mm		120mm	150mm
Lock	Multi-Point with 3-Star Diamond Cylinder			
Trickle Vents	2500EA	4000EA	5000EA	Black, White and Colour-Coded
35mm Frame Extender	Yes			



Thermal Matrix

Glazing	Centre Pane U-Value	Width (mm)	Make-Up	Weight (kg/m ²)	Coating Example	U-Value (W/m ² K)
Double	1.2	28	4 / 20 / 4	20	Planitherm Total +	1.4
Double	1.2	28	6 / 16 / 6	30	Planitherm Total +	1.4
Double	1.2	30	8 / 14 / 8	40	Planitherm Total +	1.4
Double	1.1	28	4 / 20 / 4	20	Planitherm ONE	1.2
Double	1.0	28	6 / 16 / 6	30	Planitherm ONE	1.2
Triple	0.9	44	4 / 16 / 4 / 16 / 4	30	Planitherm Total +	1.1
Triple	0.8	44	4 / 16 / 4 / 16 / 4	30	Planitherm ONE	1.0
Triple	0.7	46	6 / 14 / 6 / 14 / 6	45	2 x Total +	0.91
Triple	0.6	44	4 / 16 / 4 / 16 / 4	30	2 x Total +	0.85
Triple	0.6	46	6 / 14 / 6 / 14 / 6	45	2 x ONE	0.84
Triple	0.5	44	4 / 16 / 4 / 16 / 4	30	2 x ONE	0.78

Size Limitations

Detail

Frame Height Min.	1,015mm
Frame Height Max.	2,700mm
Sash Height Min.	935mm
Sash Height Max.	2,620mm
Sash Width Min.	492mm
Sash Width Max.	2,200mm
Sash Height / Width Ratio Max.	3:1
Sash Weight Max.	300kg
Sash Area	6.0m ²
#Sashes Per Set Max.	6

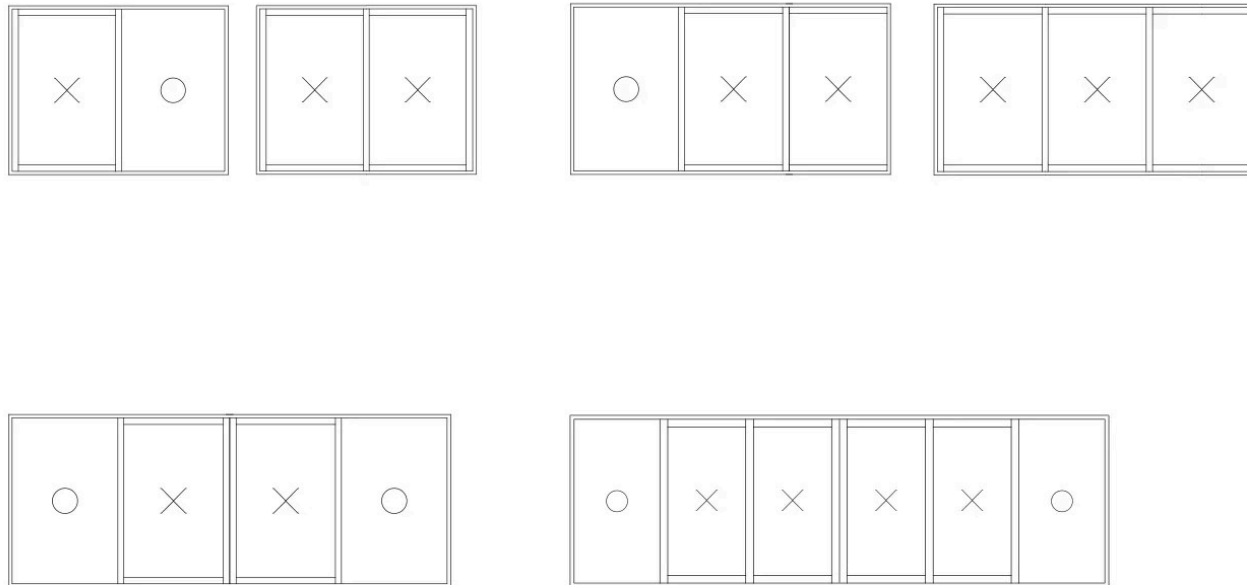
Set Size Guide

XO / OX / XX Min.	1,127mm
XO / OX / XX Max.	4,450mm
XXO / OXX / XXX / OXO Min.	1,635mm
XXO / OXX / XXX / OXO Max.	6,621mm
OXXO Min.	2,177mm
OXXO Max.	8,825mm
OXXXXO Min.	3,194mm
OXXXXO Max.	13,166mm

The above is a very rough guide. The set widths will depend on the sash heights, widths and areas.

Configurations

OS29+ is available in the following popular configurations, however to design your bespoke configuration, please log in to OSS.





Handles

Handle Options

Sophisticated in design, the refined suite of handles have been engineered to instil confidence through its looks, touch and operation, and guarantees to draw you in from the very first interaction.

OS29+ is available with a custom designed handle featuring integrated locking and is offered in two styles

- Signature Knurled – available in six colourways
- All-In-One Handle (pictured) – which can be colour-coded as an option

When opting for flush stacking, the external handle is replaced by our colour-coded Recessed Handle, allowing for the seamless stacking of the sashes.

SIGNATURE KNURLED

PATIO D



Signature Knurled

The Signature Knurled handles are a tactile finishing touch - beautifully refined, and designed to pair seamlessly with Origin's wider product range for a cohesive look throughout the home. Available in six stunning finishes, with colour-matched black plates, and an integrated lock.



Antique Brass



Brushed Black



Brushed Bronze



Rose Gold



Satin Brass



Satin Stainless

Patio D

OS29+ can be topped off with our traditional Patio Handle
- available in four colourways.



Anthracite



Black



Stainless Steel



White

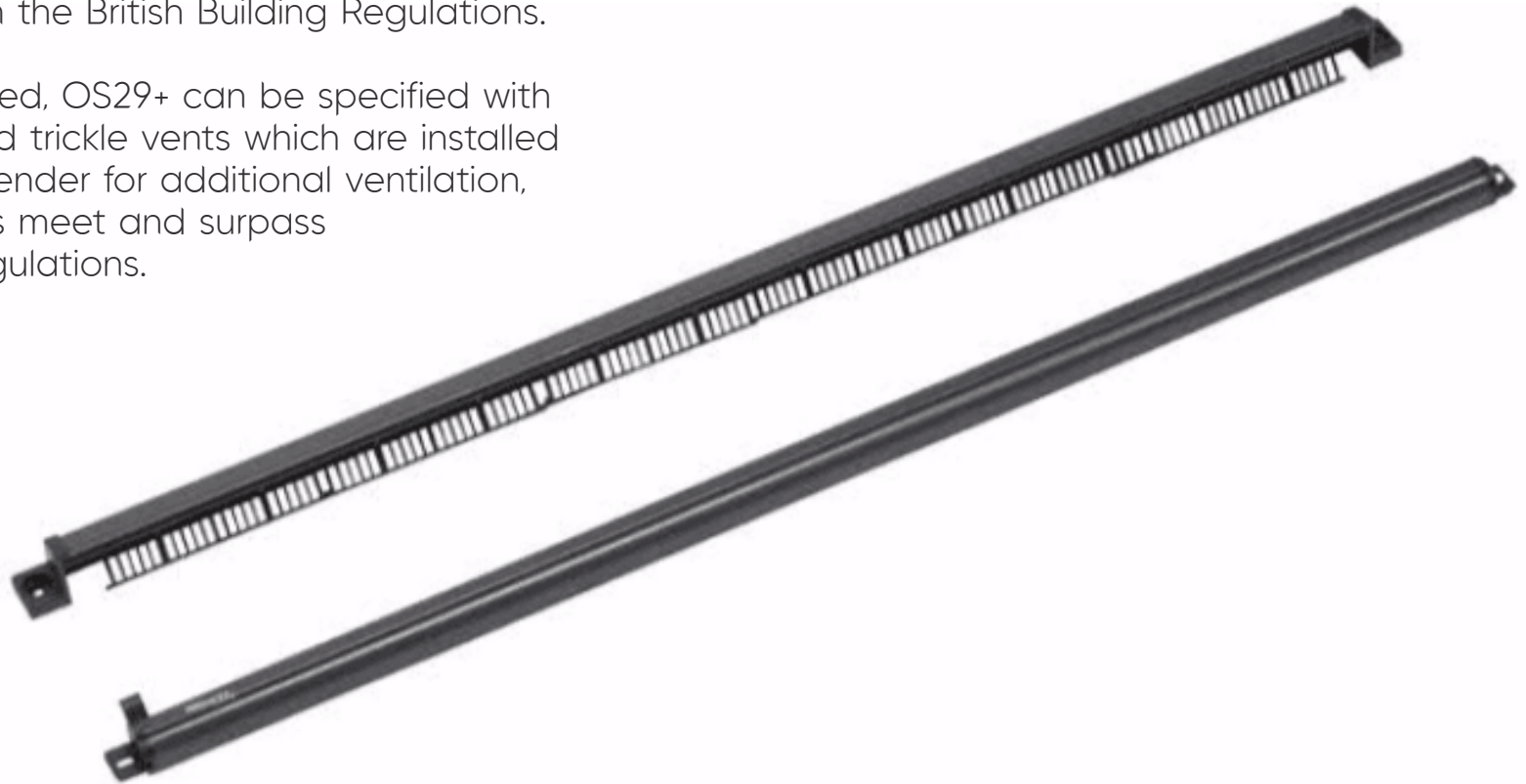


Options

Trickle Vents

Trickle vents have to meet the minimum air flow rates as defined in the British Building Regulations.

Should it be required, OS29+ can be specified with discreetly designed trickle vents which are installed into the frame extender for additional ventilation, ensuring the doors meet and surpass British Building Regulations.



Frame Extender

A 35mm frame extender is available, allowing for thicker plaster lines on ceilings, and as well as more room for trickle vents to be fitted.

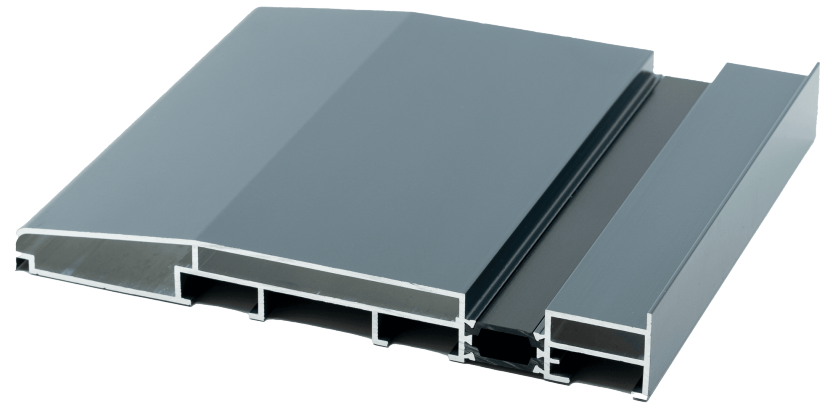
Drip Bar

A 60mm drip bar is also available.



Cills

A 240mm powder-coated cill can be added to complement OS29+.





Security



Security Features

OS29+ complies with and exceeds all required security accreditations, achieving PAS 24.

- PAS 24 Certified
- Bespoke Multi-Point Lock
- 3-Star Diamond Cylinder





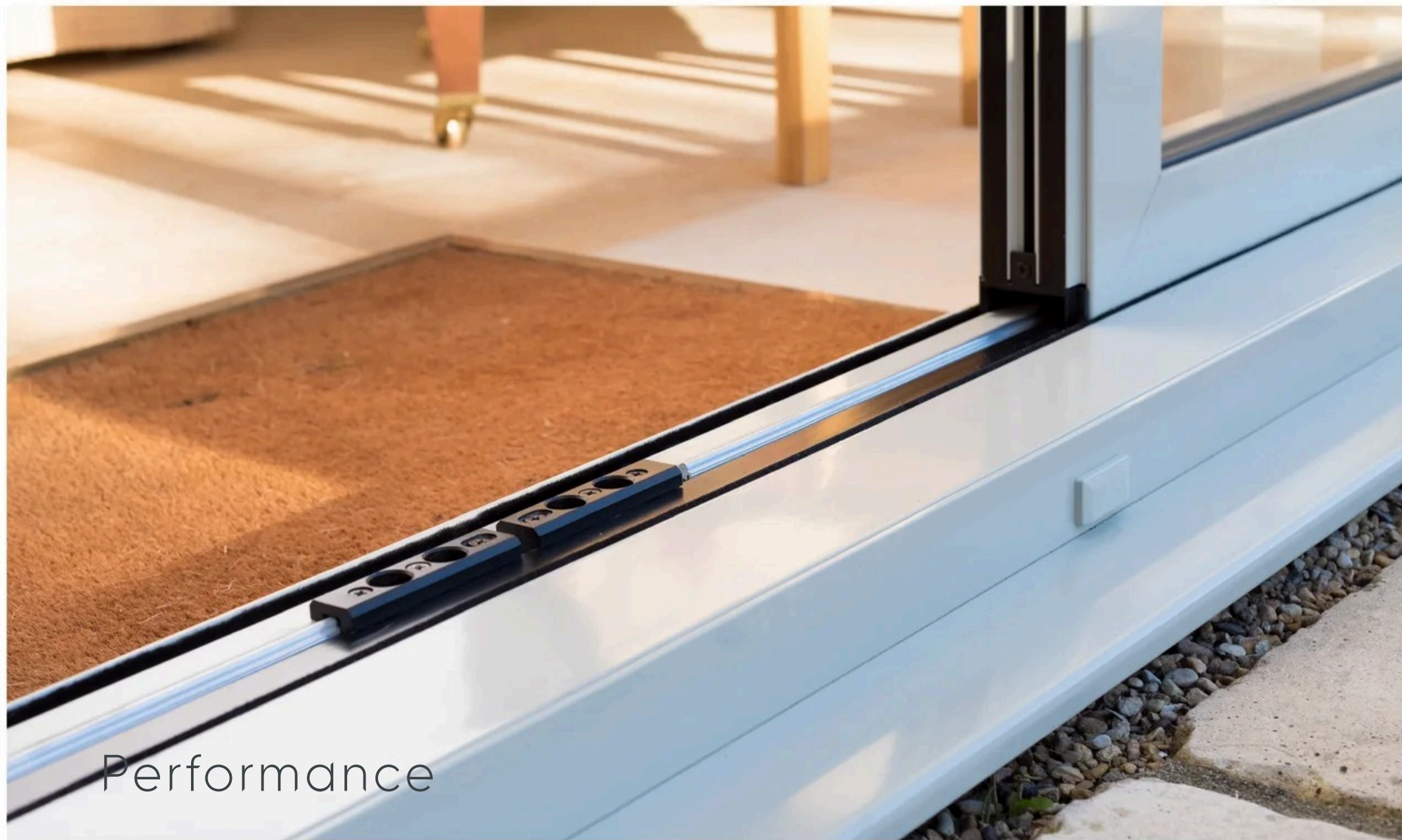
Multi-Point Lock

The Origin Multi-Point lock offers 6-points of locking and is one of the requirements for becoming PAS 24 certified.



3-Star Diamond Cylinder

OS29+ is available with a 3-Star
Diamond Cylinder as standard.



Performance

Product Performance

All Origin products are built to last, and thoroughly tested, which is why we offer an industry-leading guarantee of up to 20-years on parts.

OS29+ has been designed for maximised thermal efficiency, and has been engineered with a polyamide thermal break, along with a bespoke cavity gasket in the internal chamber between the sash and frame as standard.

Exceptionally slim frames, maximum viable glass coverage and airtight seals all contribute to ensuring that OS29+ can meet a highly efficient 0.78 U-Value with triple-glazing.

Performance, Testing and British Building Regulations*

PAS 24

2022

Secured By Design

Awaiting certification

Air Permeability

Class 3, 600 Pa

Water Tightness

Class 7A, 300 Pa

Wind Loading

Class A3, 1200 Pa

BS 6375 Parts 1, 2 and 3

Passed 50,000 lead sash cycles and 10,000 full cycles, equating to 25-years of use.

New Build Limiting Value*

1.6 W/m²K

Replacements*

1.4 W/m²K

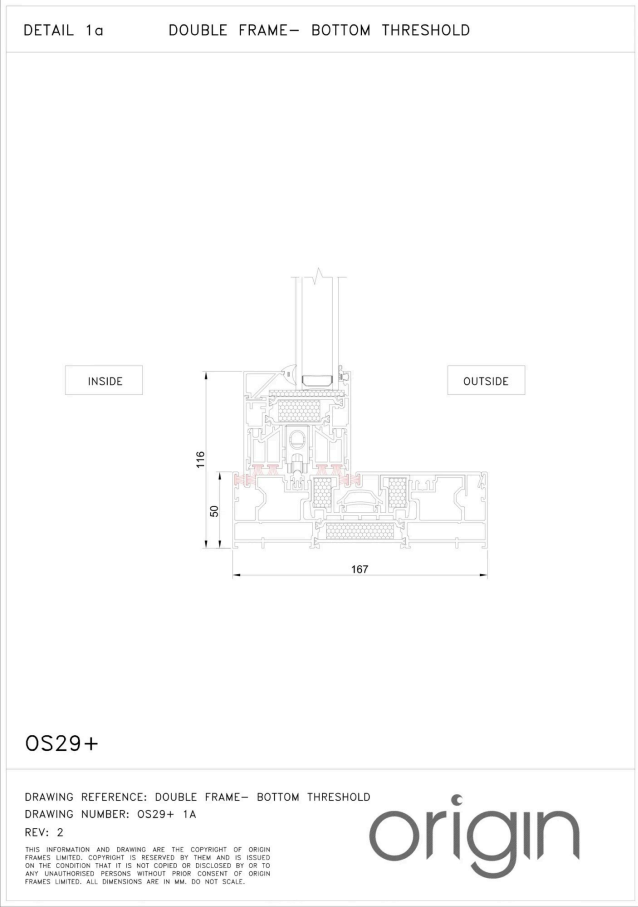
Energy Rating

B - A+

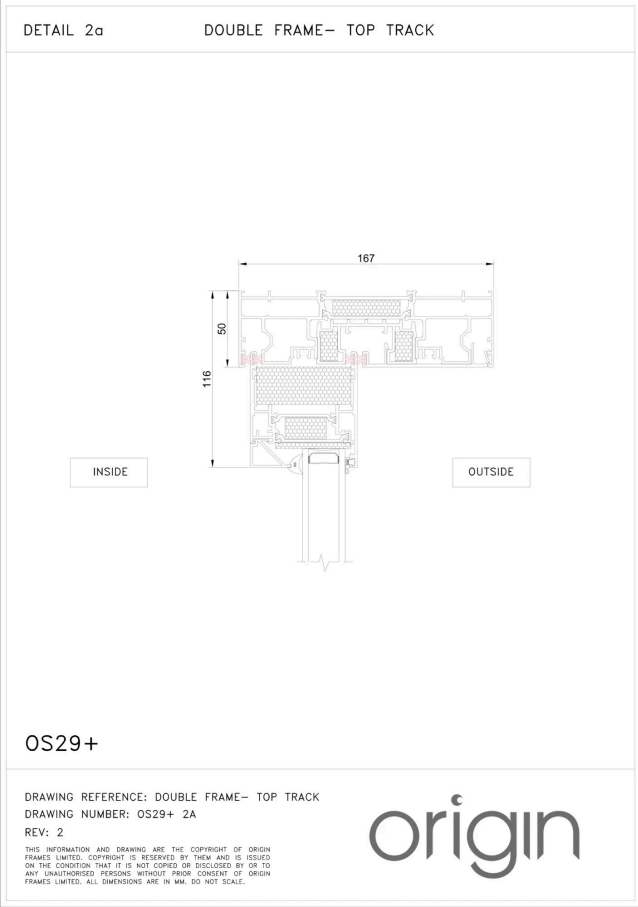
**All doors must conform to these requirements*

Tech Drawings
Download

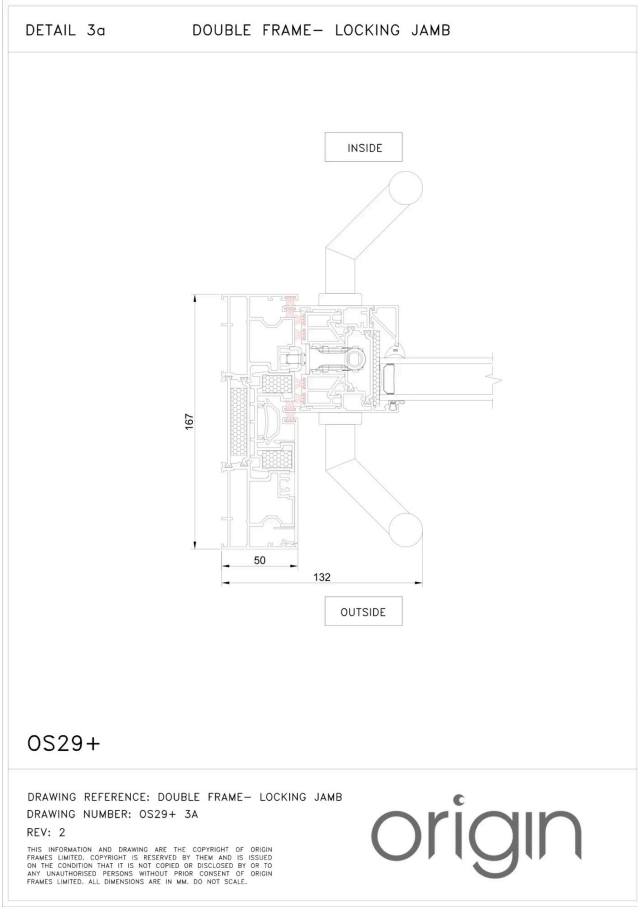
Double Frame - Bottom Threshold



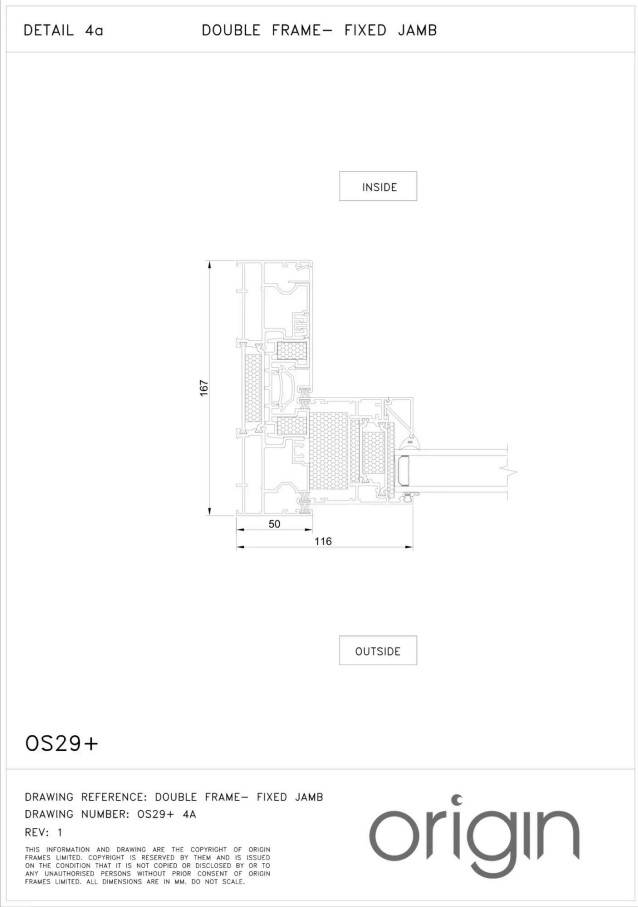
Double Frame - Top Track



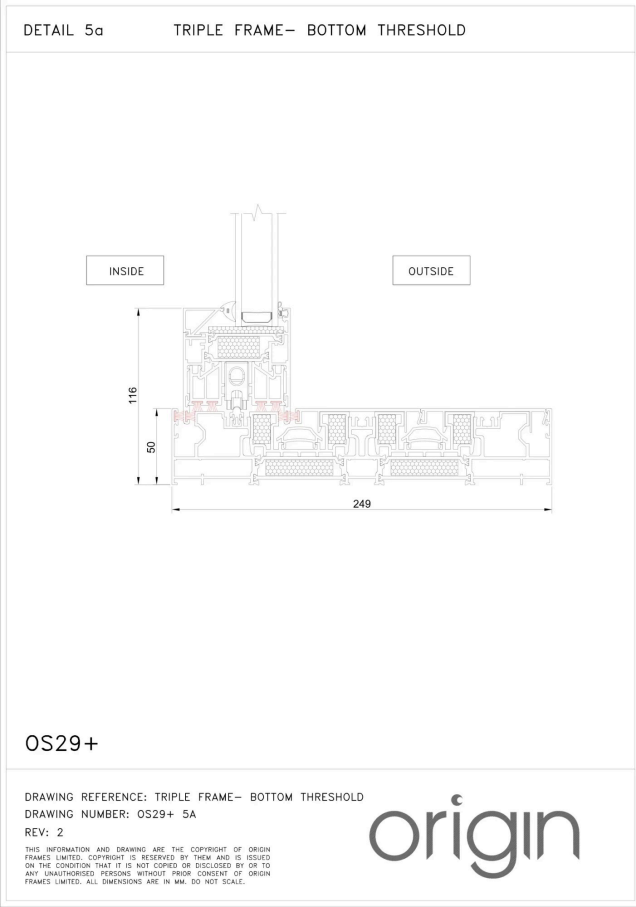
Double Frame - Locking Jamb



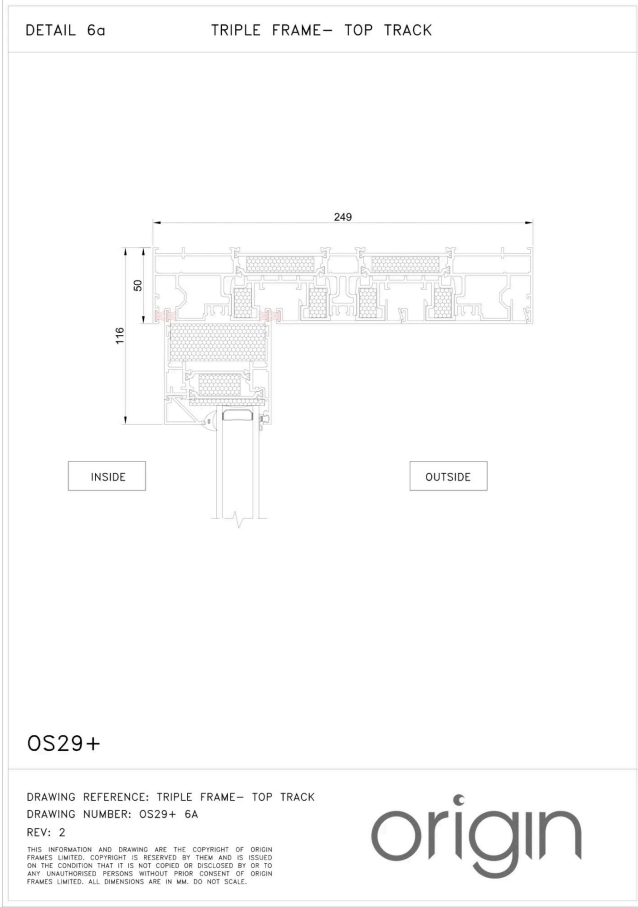
Double Frame - Fixed Jamb



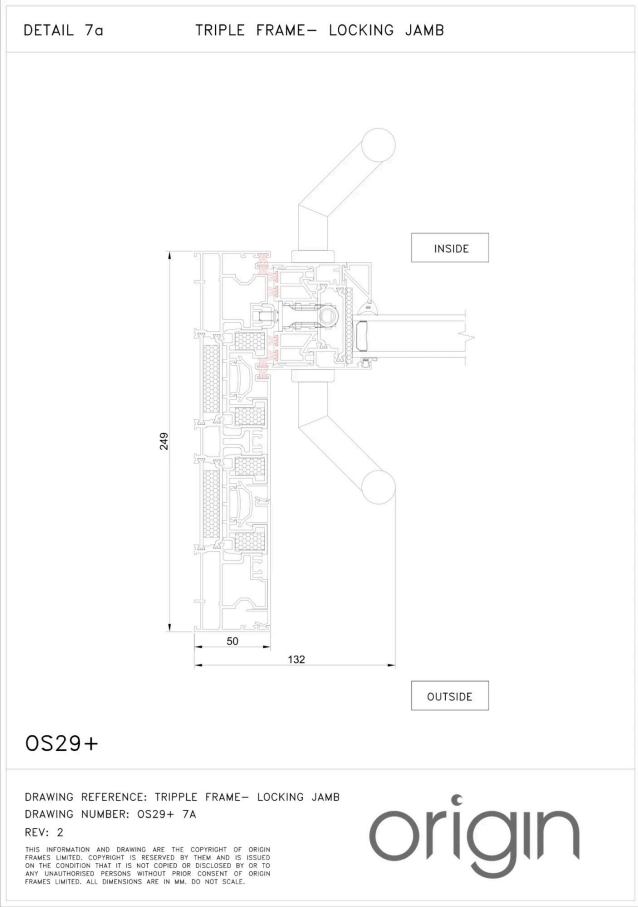
Triple Frame - Bottom Threshold



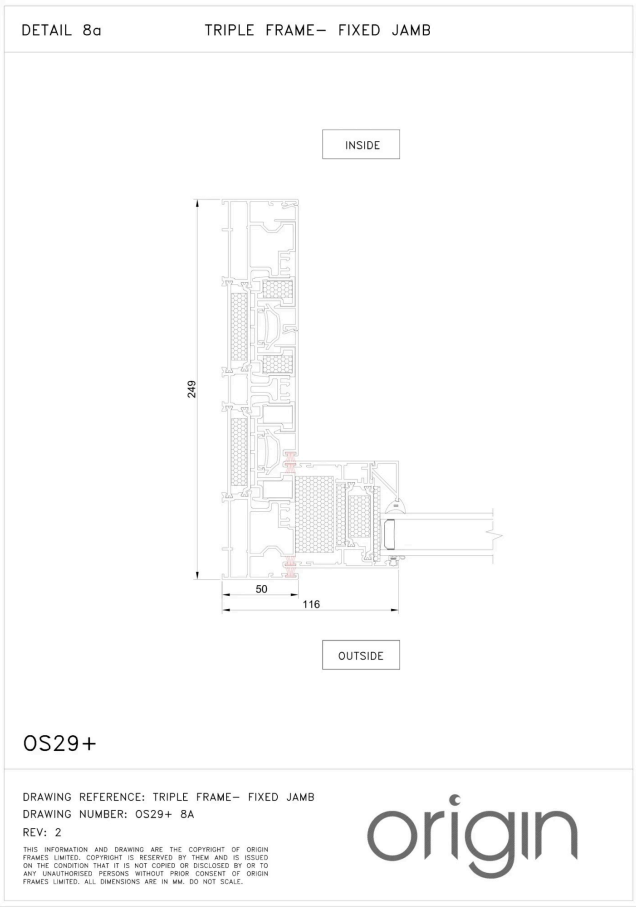
Triple Frame - Top Track



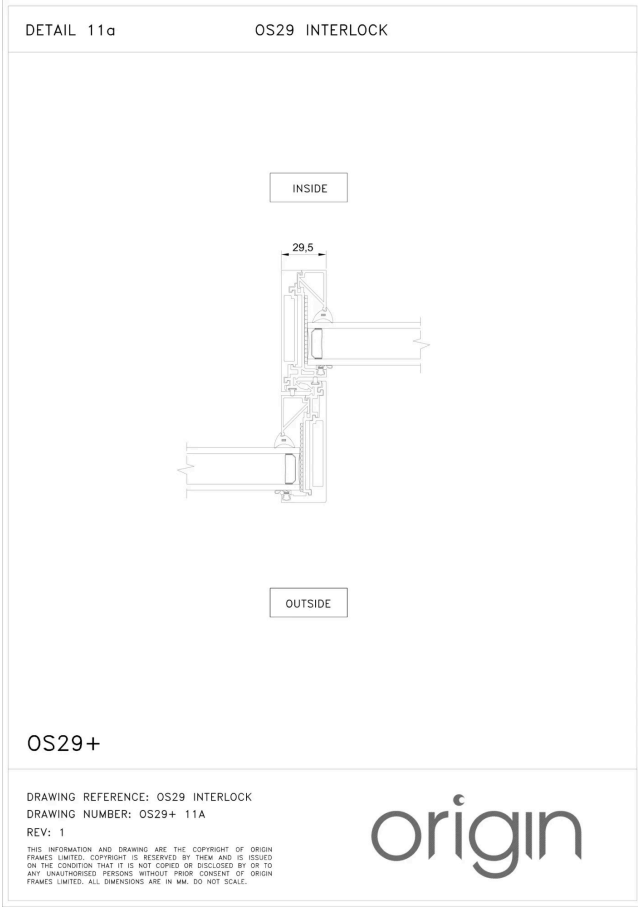
Triple Frame - Locking Jamb



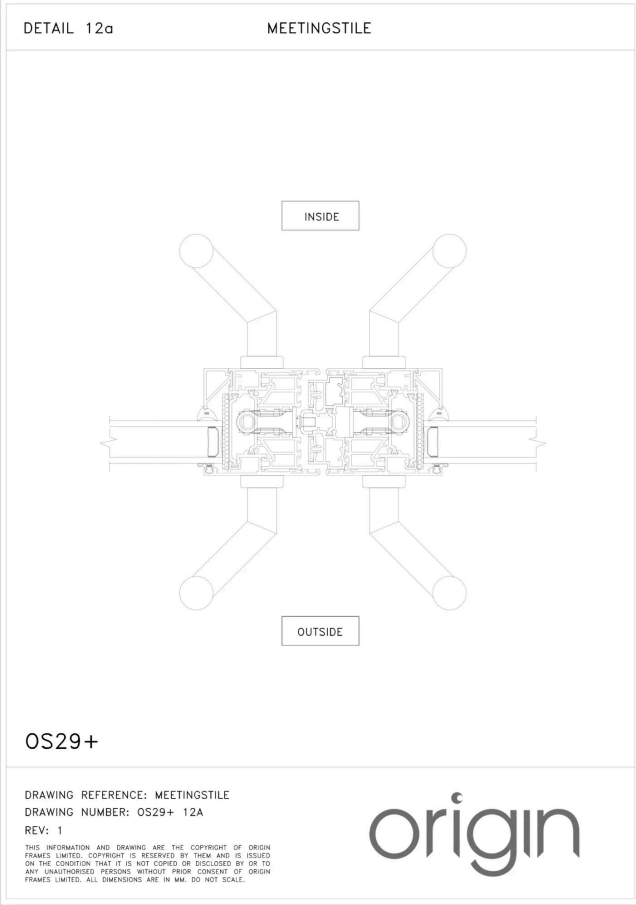
Triple Frame - Fixed Jamb



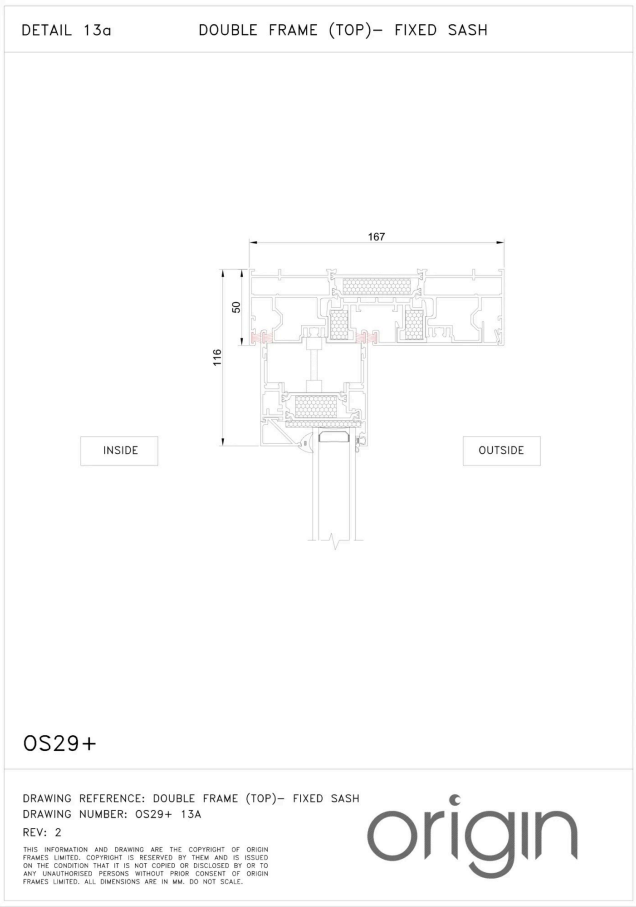
Interlock



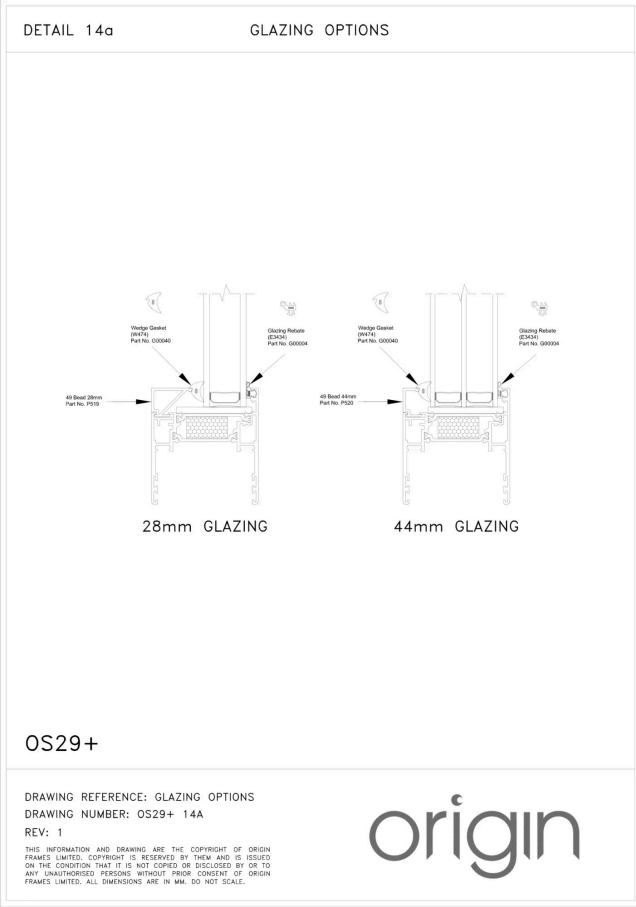
Meetingstile



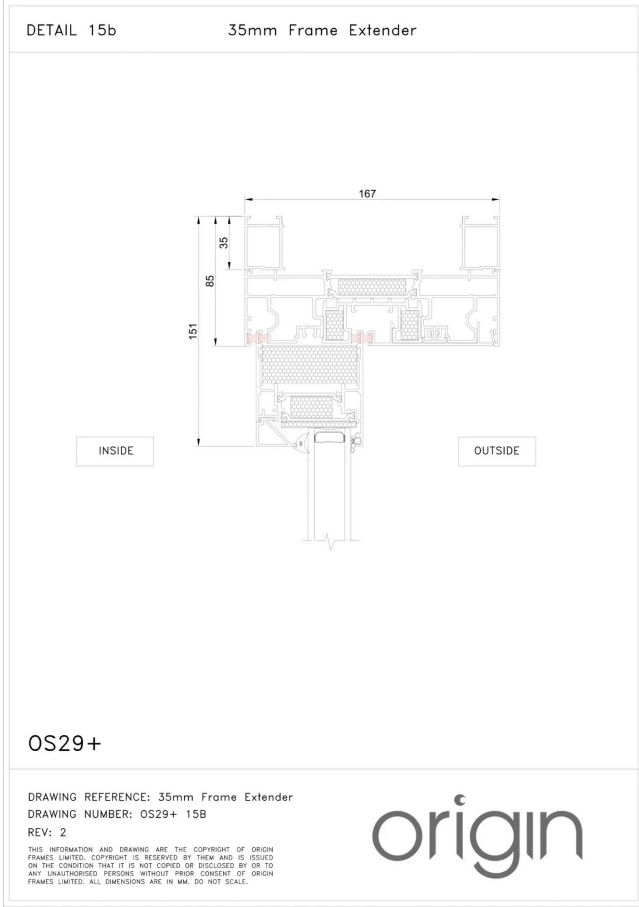
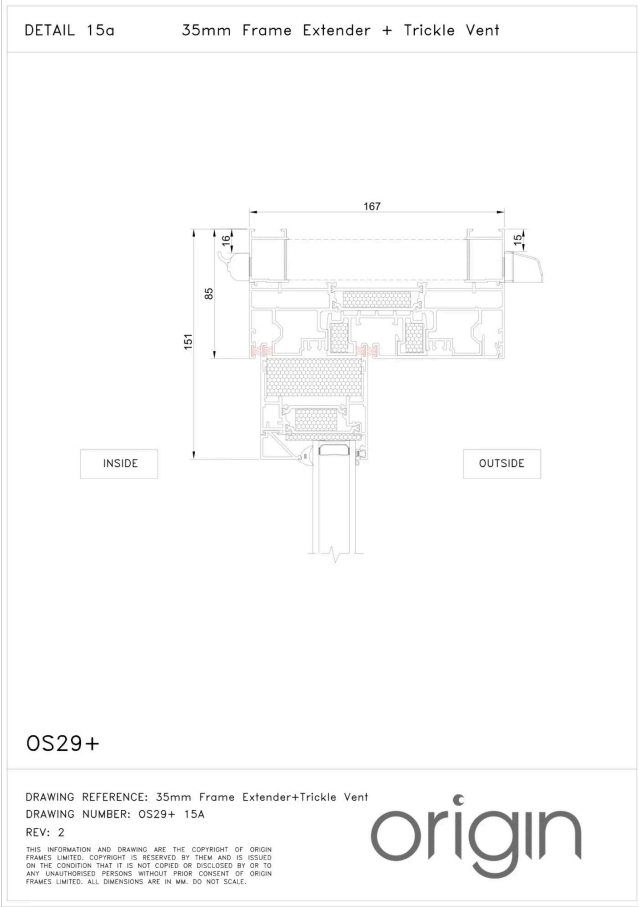
Double Frame - Top Fixed



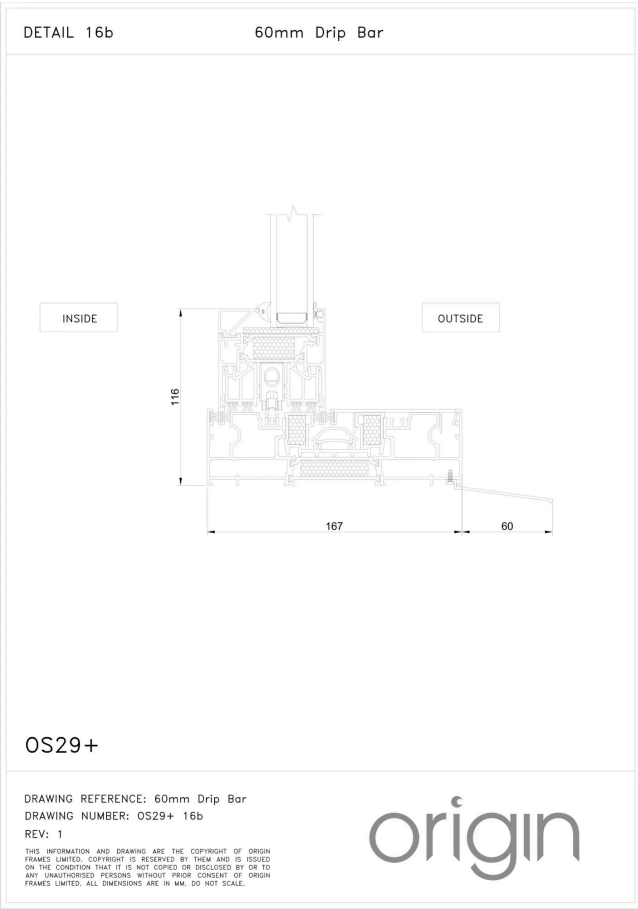
Glazing Options



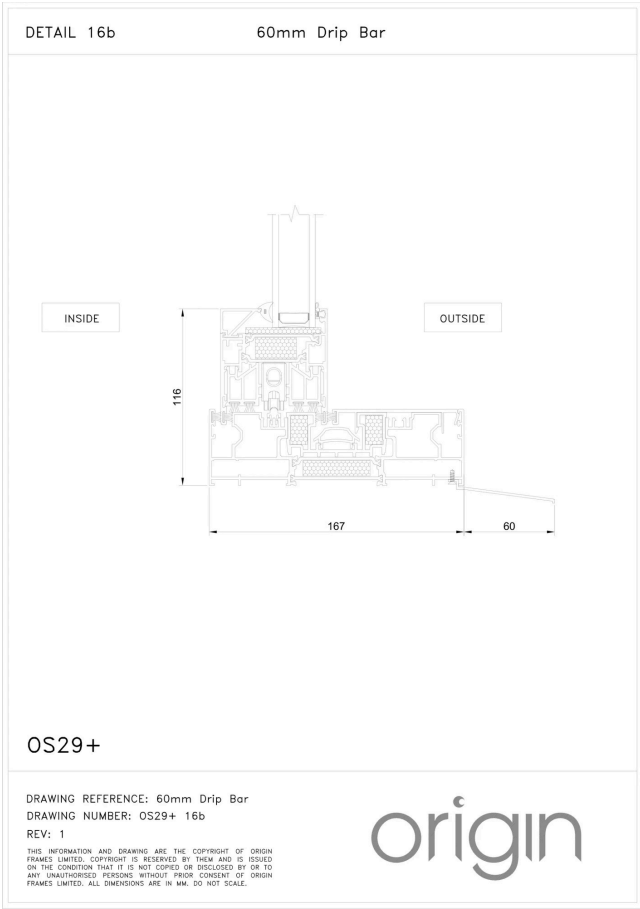
35MM Frame Extender



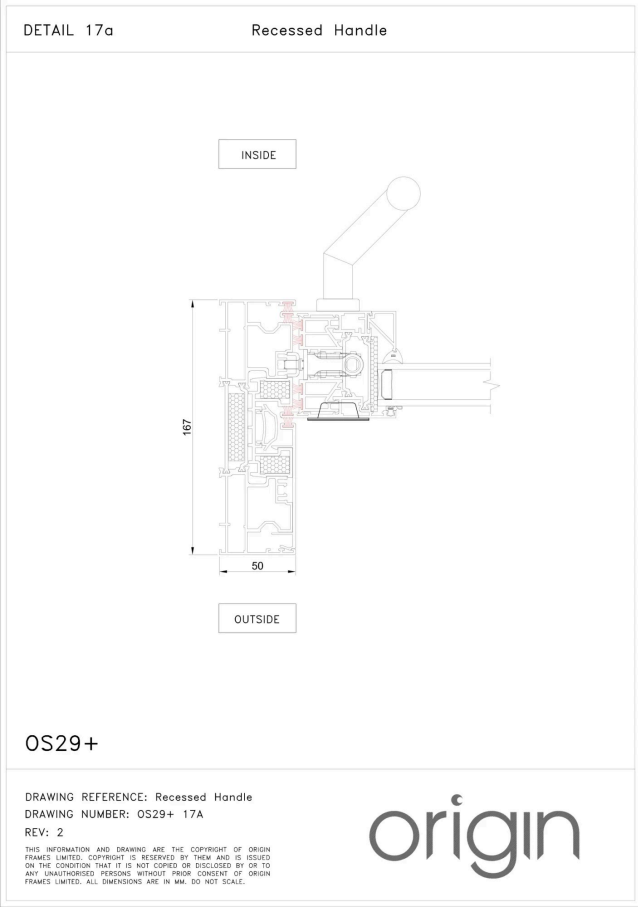
240MM Cill



Drip Bar



Recessed Handle





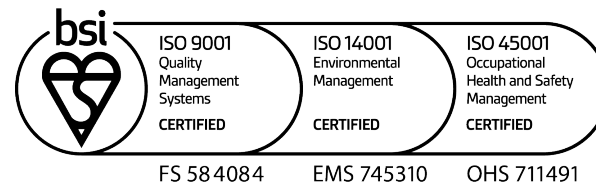
Accreditations

Quality Assured

At Origin, we are dedicated to delivering products of the highest quality, supported by the best levels of service and efficiency. We are well known for our meticulous attention to detail, taking pride in everything we do. This includes not settling for today – we are always learning, innovating, evolving and improving. Put simply, we're on a quest for perfection. It's an ethos that has become the very heart of Origin.

From products to processes, or even our sustainability, our culture encourages continuous improvement. We've put this to the test by going for prestigious accreditations. We are very proud to have achieved these and feel they show our ethical and moral dedication to operate in the best way, not because we are told to, but because it's the right thing to do. Here are some details on what we've achieved so far.

[LEARN MORE](#)



Thank you for reading the
OS29+ Spec Guide
2.335.7

Engineering beauty
in *every* detail.