

# Product Specification for

39 Oak Avenue, Ickenham, UB10 8LR

This document is part of the planning application submission and should be seen alongside submitted proposed drawings and design and access statement.

## Doors

Made to measure solid double glazed aluminium sliding doors in RAL 7043.

Below images for reference purposes only.





### Duraslide 2000 Sliding Patio Doors

The Duraslide 2000 is suitable for residential applications and can be installed into new or existing timber subframes or direct to brick. It is highly secure and achieves excellent U-values inline with the current Building Regulations. It's the latest addition to our popular Duraslide range of elegant, modern and aesthetically pleasing sliding doors. It offers a double or triple track option and is extremely versatile capable of 2, 3 or 4 panel configurations (all of which can slide).

*“The Duraslide 2000 aluminium patio sliding door has been designed to be suitable for use as replacement doors in existing buildings as well as for installation into new buildings.”*

[Get A Sliding Patio Door Price](#)

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#### Patio Door Features

2, 3 and 4 panel configurations available, all panels can slide. Excellent U-values exceeding Building Regulations. Overall U values as low as 1.4 W/m<sup>2</sup>K (when triple glazed). Slim-line aluminium profiles with meeting styles of just 36.5mm. Interlocks have an oval egg section for strength and improved wind resistance. Multi-point locking system, consists of four sturdy bi-directional hook locks and a stainless steel one piece keep. Wrap around glazing system, provides added security and slim sight-lines. Double or triple track option. 3 panels on a triple track, gives around a two-thirds clear opening. 70mm deep outerframe suitable for traditional installations. 122mm for triple track. Can be installed into timber subframe's or direct to brick.



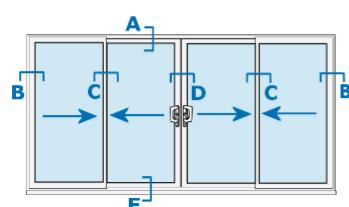
#### Recommended Sizes

	2 Panel	3 Panel	4 Panel
Min Width	1400mm	2100mm	2800mm
Max Width	2700mm	4050mm	5400mm
Min Height	1850mm	1850mm	1850mm
Max Height	2250mm	2250mm	2250mm

<sup>1</sup> Larger panels are supplied without glass. Please ask for more information.

<sup>2</sup> Please note we only supply a glazed unit of up to 90 Kg per panel. Unit weights over this will be provided unglazed for the glass to be purchased directly from a glazing company.

Profile Depth	
Two Track System	70 mm
Three Track System	122 mm



Sight Lines	
Head (Section A)	109 mm
Extended Head <sup>1</sup> (A)	151 mm
Jambs (B)	112.5 mm
Std. Interlocks (C)	36.5 mm
Heavy Duty Interlocks (C)	38 mm
Meeting Stiles (D)	152 mm
Threshold (E)	109 mm
Threshold & Cill <sup>2</sup> (E)	134 mm

#### Entrance Door Performance



These statistics apply for:  
A door 2000mm wide by 2100mm tall, using a standard Interlock and standard double-glazed units: 90% argon gas filled, 28mm Planitherm 45, warm edge spacerbar (1.1 centre pane U Value\*).

#### Specifying - Suitable Applications

- Can be specified for domestic or light commercial applications.
- Meets Doc. L building regulations for new build. (Oct. 2010)
- Meets Doc. L building regulations for replacement and refurbishment projects. (Oct. 2010)
- Does not currently meet Doc. Q for new dwellings. (Oct. 2015) - [Find Out More](#)
- The standard interlock is suitable for doors up to 2100mm tall, installed on the ground floor only.
- The heavy duty interlock is suitable for doors up to 2350mm tall when installed on the ground floor or 2200mm when installed on the first floor or in more exposed locations (for example, a house with a long garden, near the coast or on a hill).

## Windows

Made to measure solid double glazed aluminium windows in RAL 7043.

Below images for reference purposes only.



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**DuraTherm 300**  
Excellent Performance  
24mm Sealed Units

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### DuraTherm 300 Aluminium Windows

DuraTherm 300 Windows are designed to significantly reduce heat loss and outside noise with excellent weather performance.

Designed to meet the exacting requirements of Document L 2010, the 300 significantly reduces thermal transmittance and enhances the overall U Value. Available in standard colours, a range of textured paint finishes and over 200 RAL colour combinations. Dual colour finishing (different internal and external colours) is also available.

“

... DuraTherm 300 window utilises Smart's innovative thermal break technology, creating a barrier between the cold air outside and warm air inside keeping you warm and comfortable all year round....

”

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#### Window Features

British Standard Kitemarked system KM 81580 KM 81543  
Extended polyamide thermal break - Improves overall U-value.  
Window Energy 'A' Rating\*  
Suitable for both internally or externally beaded, side or top hung open out windows (fixed lites are externally glazed).  
Chamfered or square profile edges.  
Frame options for both standard and slim-line stays.  
Multi-point locking handles.  
Choice of over 200+ RAL Colours  
Finish your installation with our unique colour matched aluminium quad trim.  
\* for certain frame/sash combinations



#### Recommended Sizes - Top hung

Min. Width (mm)	425
Max. Width (mm)	1300
Min. Height (mm)	300
Max. Height (mm)	1300
Max. Weight (Kg)	TBC

#### Recommended Sizes - Side hung

Min. Width (mm)	350
Max. Width (mm)	850
Min. Height (mm)	450
Max. Height (mm)	1350
Max. Weight (Kg)	TBC

#### Window Performance



**These statistics apply for:**  
These Aluminium Windows meet Doc. L of the building Regulations by achieving a Window Energy Rating of 'A'. \*\*Please ask our technical department for information on U-Values, as it will differ depending on your chosen outerframe and vent combination. For this reason you will also need to ask for information on our glass specifications, or the specifications required to meet Doc L of the (Oct. 2010) Building Regulations.

#### Specifying - Suitable Applications

- Can be specified for domestic and light commercial applications.
- Can be specified for domestic and light commercial applications.
- Meets building regulations for new build. (For Oct 2010)
- Meets building regulations for replacement and refurbishment projects. (For Oct 2010)
- Excellent weather performance/ratings in accordance with the requirements of British Standards (BS6375, Part 1: 2004).

#### Technical Downloads

DuraTherm 300 (Technical drawings of dimensions and profiles)	 1.6 Mb
Wood Frames for Windows Leaflet (Technical drawings of dimensions and profiles)	 1.5 Mb

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## Roof lantern light

Roof lanterns for ground floor kitchen and dining area, made to order in RAL 7043.

Below images for reference purposes only.



Aluminium  
Roof Lanterns  
Built To Last

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## Aluminium Roof Lantern

A roof lantern is generally a glazed structure installed on a flat roof, which allows natural light into a room, often referred to as a skylight. Available in many sizes and styles, finished in any RAL colour and made-to-measure to your exact specifications. A comprehensive range of glazing is available including clear toughened, anti-sun, easy cleaning and solar control.

On-site roof fitting tuition is available to help you get started - please contact us for details.

“

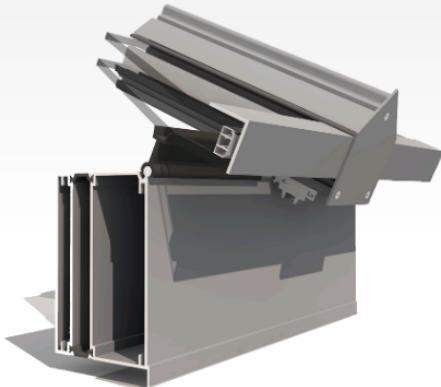
*... roof lantern fitting is relatively easy providing the existing roof has been prepared correctly with*

*care ...* 

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### Roof Features

Over 200 single or dual RAL colours.  
Also available in a range of textured colours upon request.  
'Polyamide' thermally broken profiles for superior efficiency.  
Can be supplied unglazed or glazed for 28mm units.  
Range of styles & designs available to suit every application.  
Exceeds current building regulations.  
Ideal for new build, replacement and refurbishment projects.  
Suitable for commercial or domestic projects.  
Optional solar controlled glass available.  
Self cleaning glass available for hard to reach areas.  
Roofs can be pitched from 5 - 45 degrees.  
All roofs provided with flat ridge covers (crested available upon request).  
Opening manual or electric vents available.  
Electric vents can be fitted with a combined heat & rain sensor.  
Virtually maintenance free and built to last - remaining in a pristine condition for years to come.  
Window up-stands available for most roof styles.  
Range of windows and doors designed to coordinate with our roof system to create conservatories and orangeries.  
Box gutters available for some roof combinations.  
Aluminium guttering available upon request.  
Expert support & specialist on-site instruction service available.



### General Downloads

[Aluminium Roof System \(All Roof Designs\)](#)  
(Technical drawings of profiles, combinations & section sight-lines)



3.2 Mb

[Hipped Roof Section Manual](#)  
(Technical drawings of profiles, combinations & section sight-lines)



2.4 Mb

### Roof Performance



Standard U Value W/M<sup>2</sup>K 1.6  
4S Upgrade U Value W/M<sup>2</sup>K 1.4

### AutoCAD Drawings - Downloads

Technical drawings can be provided in DWG or DXF format, please contact us.

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# Velux Window

Centre pivot roof windows for proposed loft sky lights.



**1** ThermoTechnology™

**ThermoTechnology™**

Experience a more comfortable home and lower energy bills with VELUX ThermoTechnology™. Innovative use of high performance materials in the window construction provides excellent energy efficiency, insulation and an airtight seal. Look for the ThermoTechnology™ seal for your guarantee of excellent energy efficiency.



**2** Natural ventilation

**Natural ventilation**

Let fresh air into your home even when you are away or sleeping, without having to worry about security or bad weather. Pull the unique top control bar once and you will allow fresh, filtered air to enter through the ventilation flap.



**3** Electric or solar powered roof window

**Electric or solar powered roof window**

If your roof window is placed out-of-reach or if you want ultimate comfort, a VELUX INTEGRA® roof window is the answer. It comes with a pre-prepared wall seal so you can control the window and accessories. You can choose either electric or solar powered windows. For solar powered there's no need to plug into a power supply, making installation even quicker and easier. The PV solar cell is placed on the external window frame.

[VELUX INTEGRA® Roof window >](#)

**4** How to clean your window

**How to clean your window**

To clean the outer pane, rotate the sash 180 degrees. The sash must be secured in position by sliding the barrel bolt into the bushing at the bottom of the side frame. The air filter can be removed and washed with ordinary household cleaners. Fully rotate and secure the window in cleaning position, then remove the filter from the filter rail.



**5** Maintenance

**Maintenance**

If you want to prolong the longevity of your VELUX roof window or simply give it a touch up, this is the place to look. VELUX offers a range of products that will come in handy if you want to replace an air filter, repair a scratch, lubricate hinges, paint your window and give it a new and shiny look.

[Buy online >](#)



**6** Blinds and Shutters

**Blinds and Shutters**

Complete your VELUX roof window with VELUX accessories. There is a blind for every need. Whether you go for the benefits or just for the looks: VELUX offer a wide range of decorative solutions in colours that fit your style. Looking for heat protection? – our range for exterior accessories reduces heat by up to 95%.

[Buy online >](#)



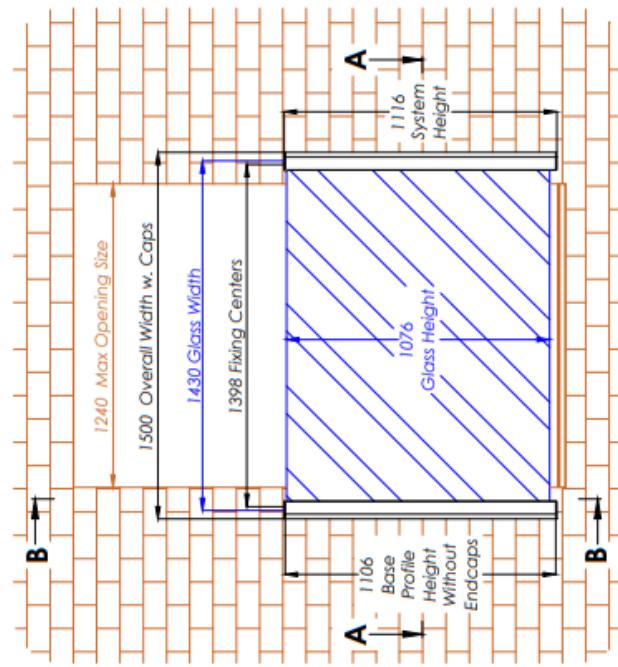
## Glass Railing

Hybrid Balconette Juliet balcony glass railing.

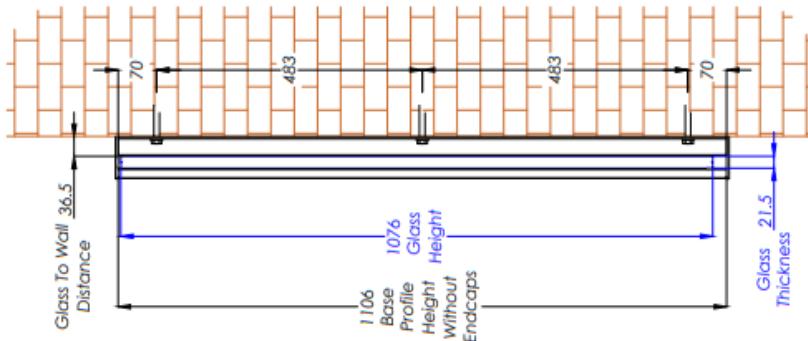


# FBAL 150 - Frameless Juliet 1500mm

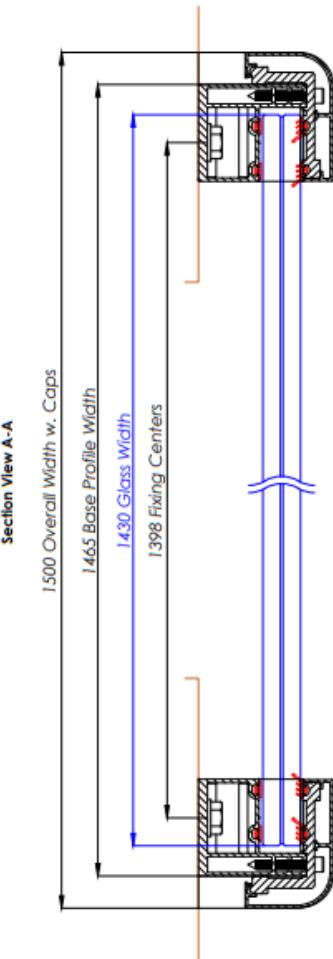
## Elevation View



## Section View B-B



WEIGHT OF GLASS : 80Kg (APPROX)



**Hybrid**<sup>®</sup> by **Balconette**

BALCONETTE, UNIT 6 SYSTEMS HOUSE, EASTBOURNE ROAD, BUNDLEY HEATH, SURREY, RH7 5JP  
TEL: 01342 410 411 FAX: 01342 410 412 [WWW.BALCONETTE.CO.UK](http://WWW.BALCONETTE.CO.UK)  
UNLESS OTHERWISE STATED ALL DIMENSIONS IN MILLIMETERS. DO NOT SCALE FROM THIS DRAWING.

## Bicycle Store

The bicycle storage will take the form of a protect a cycle store. This product can accommodate up to three bikes, is secure, covered and accessible.





Protect-a-cycle®

Secured by Design  
SBD  
Police Preferred Specification

SPECIFIED BY  
THAMES VALLEY POLICE

PayPal  
All major cards accepted

Part of: TRIMETALS

TEL: 01258 459441

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## Product info

The Protect a Cycle™ has been designed and manufactured in the UK by Trimetals Ltd™ our company is recognised as Europe's leading manufacturer of quality metal buildings and has been established since 1967. Trimetals is a Lloyds Register Quality Assured company (ISO 9001).



### Protect a Cycle™ Benefits

- Tested and certified by the Loss Prevention Certification Board (awarded the LPS1175 Security Rating 1).
- "Secured By Design approved - Police Preferred Specification".
- Padlocks, ground anchor and security chain included.
- Easy to use.
- Integral metal base included complete with fixings for securing to concrete.
- PVC coated galvanised panels - 25 year guarantee.
- Generous size - stores up to 3 adult bikes.
- Quality build - all stainless steel fasteners.
- Easy assembly - main components are factory assembled.
- Simple instructions - clear step by step illustrated instructions.
- Maintenance free - lasting good looks (no painting).
- Fire resistant - complies with National Building Regulations.
- Choice of colours.
- We now offer our Protect a Cycle with the option of a hinged front ramp.

### Dimensions

#### Internal Dimensions Metric (Metres)

Height (Front)	1.09
Height (back)	1.29
Width	1.80
Depth	0.84

#### External Dimensions Metric (Metres)

Height	1.33
Width	1.96
Depth	0.89

### Note

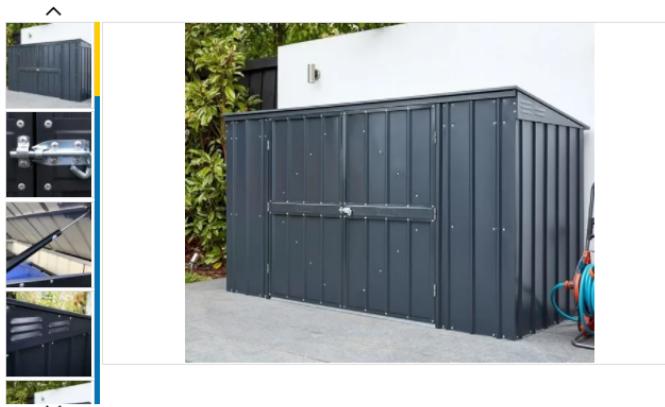
Protect a Cycle is designed to be bolted down onto a hard (concrete) base which must be flat and level.

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## Bin Store

The bin storage will take the form of a lotus metal bin store with triple models. This product can accommodate 3 x 240 standard litre bins, has ventilated gables and is secure, covered and accessible.





✓ Ideal to store (2x 240 standard litre bins - double version) or (3 x 240 standard litre bins - triple version) ✓ High grade 0.3mm steel and paint finish- Ventilated gables ✓ Frame and base rails made from heavy gauge galvanised steel ✓ Stable and well-balanced door opening ✓ Stable pneumatic springs for ease to open and close the lid ✓ User-friendly informative instruction manual ✓ Lockable with a padlock (padlock not included) ✓ Limited Manufacturers 15 Year Warranty

## LOTUS METAL BIN STORE - ANTHRACITE GREY (DOUBLE OR TRIPLE MODELS)

From: £279.00

[READ MORE](#)

[BUY NOW](#)

Size	<a href="#">7x3 Triple Bin Store</a>
Anchor Bolts	<a href="#">Anchor Bolts for 7x3 (£10.00)</a>
Installation	<a href="#">Choose an option</a>

Clear

### SM Deliveries and Installations

Due to the COVID19 pandemic all deliveries will typically be within 25 to 30 working days.

Installations are typically within 6 weeks of order.

Any preorders will have an anticipated delivery date of up to 28 calendar days from the date it arrives into our warehouse.

SM Garden Sheds would like to apologise for any inconvenience caused

[None](#)

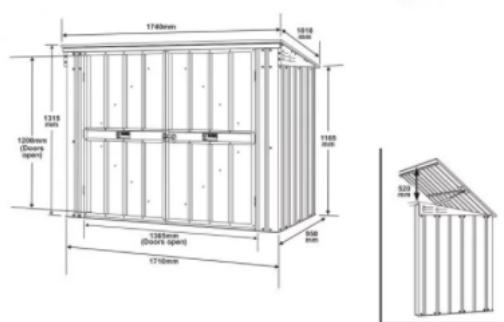
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[ADD TO BASKET](#)

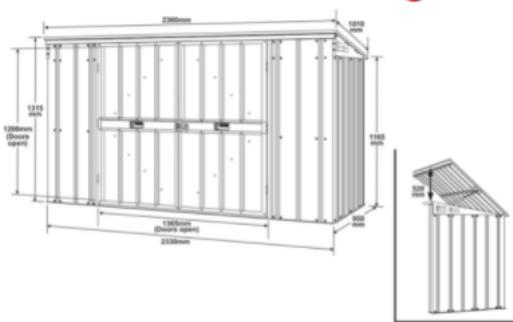
DESCRIPTION	ADDITIONAL INFORMATION	REVIEWS (0)
WEIGHT	43 kg	
BASE SIZE (FRONT X SIDE) - CM	<a href="#">See Chart Specification</a>	
COLOUR	Anthractite Grey, Grey	
DELIVER TIME (WORKING DAYS)	Typically within 20 to 25 working days	
EAN CODE	5.06E+12	
GUARANTEE (YEARS)	15	
MAIN DOOR OPENING SIZE (HEIGHT X WIDTH) WALL HEIGHT (CM)	<a href="#">See Description</a>	
OVERALL HEIGHT WALL HEIGHT (CM)	132	
NUMBER OF PACKAGES	1	
PANEL THICKNESS (MM)	0.3	
ROOF SIZE (FRONT X SIDE) - CM	<a href="#">See Description</a>	
2ND DOOR OPENING SIZE (HEIGHT X WIDTH) MAIN DOOR OPENING SIZE (HEIGHT X WIDTH) WALL HEIGHT (CM)	N/A	
WALL HEIGHT (CM)	114	

## Lotus Metal Bin Store – Anthracite Grey (Double or Triple Model)

2 Bin Locker



3 Bin Locker



The Lotus by Globel range is not just a storage solution but it also looks fantastic in any garden.

The newly developed Globel Wheeble Bin Storage Box (Double Version – 7x3 can hold 2 standard wheelie bins) (Triple Version – 7x3 can hold 3 standard wheelie bins) with a volume of 240 litres. The walls are made of 0.3 mm thick sheet steel, which is not only resistant to rust and scratch resistant, but also still looks completely elegant. The Anthracite Grey colour will match in any environment and is the perfect way to disguise your unsightly wheelie bins.

For ease of use the store includes a hinged lid and front door, allowing easy removal when emptying is required.

This product is a self assembly product and includes all of the required fixings.

The metal design makes this ideal wheelie bin storage solution for Static Caravan Parks and Holiday Parks, where restrictions may forbid wooden storage units and sheds. It also makes it a preferred choice for those who want less maintenance, as metal sheds and units do not require as much maintenance as their wooden counterparts.

Simply it's the best valued metal wheelie bin store on the market

### BIN STORE SPECIFICATIONS

Nominal Size	5x3 (Double Model)	7x3 (Triple Model)
Maximum Wheelie Bin Storage	2 x 240 Litre Standard	3 x 240 Litre Standard
Roof Size	174x101cm	236x101cm
Base Size	171x95cm	233x95cm
Overall Height	132cm	132cm
Wall Height	116cm	116cm
Weight	43kg	51kg