GEORGE BARNSDALE
Est. 1884

ORDER CONFIRMATION

TIMBER WINDOWS & DOORS

Project Number: TIMBERWINDOWS
Description: Sample drawing project for Timber Windows
Customer Name: Duncan Wright
Order Number: YOUNG
Designer: Victoria Polydore Phone: 01775 823000 Email: vpolydore@georgebarnsdale.co.uk

PROJECT NOTES

Please refer to your approval document for questions relating to this order confirmation.

Alterations: Revision A (08/04/2024)

- Handles updated

ITEM DETAIL

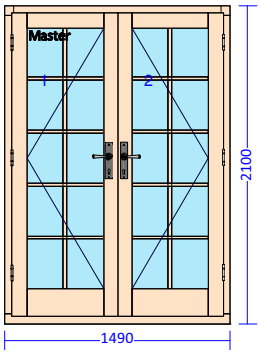
General Information:

- All drawings are viewed from the outside.
- Dimensions are actual window sizes.
- Excludes all internal or external trims as standard.

Key to abbreviations:

Frame
CE = Cill Extension | **CSE** = Cill Side Extension | **WBG** = Window Board Groove
Glass
Arg = Argon | **Kry** = Krypton | **AcLam** = Acoustic Laminated Glass | **Lam** = Laminated Glass

Item	Qty	Description
1	1 No.	**W01 30**



Outward Opening Entrance door (DS5-81-44)

Timber Frame:	Engineered Softwood (FSC Certified)
Timber Cill:	Grandis Hardwood (FSC Certified)
Timber Sash:	Grandis Hardwood (FSC Certified)
CE/WBG:	50mm / No
Frame Drips:	No
Sash Bar:	21mm Standard Astragal
Finish:	Traffic White - RAL 9016
Finish Door Cill:	Ebony Stain
Gasket:	White
Glazing:	2 No. 4.0mm Tough / 8 Arg / 4.0mm Tough-1.0 with a Black Warmedge Spacer
Hardware:	Foundry Collection in Pewter with Avon Handle

 # Additional Information .

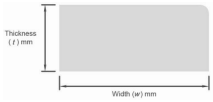
1 Master Lock; ; Silver hinges, Keyed to: Suite 1
2 Slave with Handle; ; Silver hinges, Keyed to: Suite 1

U_w Value: 1.6W/m2K

T 01775 823000
F 01775 823010
E enquiries@georgebarnsdale.co.uk
W georgebarnsdale.co.uk

High Street
Donington
Spalding
Lincolnshire PE11 4TA

George Barnsdale & Sons Limited
Registered in England Registration No: 2487250 VAT No: 128-0139-93

Item	Qty	Description
		Approx Weight: 86 kg
2	**2.50 m** 	PSE + 1 Round Softwood (FSC) supplied in 2.5m lengths Colour: Traffic White - RAL 9016 Thick x Width: 20mm x 120mm 1 x 2.50m lengths
	1 No.	Profile setup for PSE trim
	1 No.	**Total No of Items**

SPECIFICATION

Products will be supplied to this specification unless stated in the project notes. This specification refers to the *Owner's Manual*, the *Installation Manual*, *Our Guarantees* (available on our website at https://www.georgebarnsdale.co.uk/brochures/) and the Standard Conditions of Sale (included at the end of this document).

Guarantees

Our products are all designed to provide exceptional performance with long life and low maintenance. As a result, we provide industry leading guarantees with comprehensive cover as detailed in *Our Guarantees*.

Timber

Our windows and doors are manufactured from FSC® certified engineered timber, sourced from well managed forests (German sourced insulated panel products may be certified to the PEFC® scheme, an alternative to FSC®, commonly used in Germany). If you require full FSC® chain of custody documentation, please advise us at the time of order. Please note, that there may be some engineered joints visible on the timber particularly when using pine.

Coating System

Our windows and doors are all factory finished using our advanced 4 layer microporous coating system, applied in our state of the art paint facility, providing an excellent finish and long life with low maintenance. This allows our windows and doors to be supplied with our industry leading guarantees and significantly better real life performance than most alternatives.

Our colour matching process allows us to match to colours defined in various standards and ranges (RAL, NCS and British Standard), complement popular ranges such as Farrow & Ball, Fired Earth and Little Green Paint Company or match to physical samples supplied. See our colour options datasheet for more information at https://files.georgebarnsdale.co.uk/colouroptions.pdf. There can be variations in paint colour due to the match accuracy, the mixing accuracy and the sheen level of our coating. If you are concerned about the match, please request a check sample (samples are chargeable with the cost dependent on whether the colour is from our standard range or requires mixing specially).

Timber is a natural product and can have significant colour and grain variations and small amounts of sapwood. This is what gives timber its unique beauty, but also means that when stain finishes are applied there can be differences in appearance by section, especially on trims and lighter colours.

Please note, any site painting will be done with a brush applied version of the coating system - this does not affect the performance or coating guarantee.

Glazing

Our windows and doors are all factory glazed using a fully drained and vented system (except for products in our Historic Range) and internally beaded (except for products in our Historic Range and certain direct glazed designs). This protects the most vulnerable part of the glazing system from the elements and intruders, providing improved durability and security. Where astragal bars have been specified, the glazing system will also feature an

integral glazing bar within the glazing unit (when the cavity is greater than or equal to 10mm).

Our glazing units are checked to stringent standards meaning that we will always be within the GGF Visual Quality Standards.

When using silicone sealed units (specified for swimming pools and other high humidity areas), they require a heavier bead of primary sealant to ensure the unit's integrity. This can lead to a more than normal egress of sealant past the edge of the spacer and is more noticeable if a white spacer bar is used.

All float glass has nickel sulphide contamination. This very rarely creates a problem but can cause toughened glass to shatter, particularly when subjected to excessive heat (for example when dark curtains are close to the glass, and it faces South to West). This can be considerably reduced by heat soaking. We do not accept any responsibility for shattered toughened units unless they have been heat soak treated, which is available at an extra cost. Please inform us if this is required.

Hardware

We have selected a range of high quality furniture and fittings that allow simple operation and compliment the appearance of the product, sourced mainly from the UK or Germany. The specification of certain fittings is linked to our performance certification. There may be a requirement for certain elements to vary, based on the size, weight or shape of the product, which may result in a small variation to the appearance.

If you live near the sea or near or in very exposed locations, we recommend choosing hardware that is specifically designed for such exposure. Please inform us if this is the case.

Installation Details

We offer a wide range of installation details including cill front and side extensions, window board grooves and additional trims. These are usually managed post order, but can be included in your quotation if we are provided with the information.

Manufacturing Standards

Our products are designed and manufactured to the highest standards including BS 644:2009 and all relevant national and international standards. However, there are some sections of the standards that are either out of date or not possible to conform to, which are covered below:

BS644:2009/5.1.2 - Preservation: The standard currently refers to BS5589 1989 Section 2, however, the EU Biocide Products Directive makes compliance to this very challenging. As part of our coating process, we use a preservative conforming to EN599 which, providing the coating system is correctly maintained, will far exceed the expected life span of at least 60 years.

BS644:2009/6 - Profile Design: The standard stipulates that all external edges have a radius of at least 1.5mm. Several options, including our historic range and traditional range flush connections don’t meet this requirement for aesthetic reasons. They are still covered under our guarantee as detailed in *Our Coatings*.

BS644:2009/8 - Glazing: The BS6262 glazing standard referred to in BS644 is out of date and we manufacture our products in accordance with BS8000-7 Workmanship on building sites - Code of practice for glazing. To allow us to provide a traditional appearance, the size of the glazing rebate is restricted to an 18mm rebate depth allowing a minimum ventilation gap of 3mm, as recommended in BS8000-7.

Building Regulations

As a supplier, and on some projects installer, of timber windows and doors, we are not responsible for ensuring the project is compliant with the building regulations. However, we do our best to provide guidance to identify areas where there may be a requirement and solutions to meet those requirements. This includes:

Approved Document B - Fire Safety: Part B1 - Escape: All windows can comply with this (subject to size and design) but will not have been specified as a means of escape, unless requested. We have solutions that can meet this requirement, whilst still achieving the desired design aesthetics.

Approved Document E - Resistance to the Passage of Sound: There is no specific requirement for external

windows and doors, however, all windows are supplied as standard with a high acoustic specification. If there are specific requirements for your project, please advise us and we can look at a variety of profile and glazing options to meet your needs. We have had a large amount of testing carried out on our products and can provide specific advice and supporting data if required.

Approved Document F - Ventilation: Windows and doors have not been specified with any ventilation, unless stated within the quotation. We have a wide range of sash/door and frame ventilation options, which can be found in our product brochures.

Approved Document K - Protection from falling, collision and impact: We will show where we have allowed for safety glass (toughened or laminated) and where we have supplied restrictors. If the window is to perform as a barrier, please inform us and we can specify to the required standard.

Document L - Conservation of Fuel and Power: Our windows and doors all meet (and usually significantly exceed) building regulations unless you have provided us with a specification that will not comply. All products are quoted with a U_w value, calculated based on the actual specification, not a generic size or the glass only value. Please consider this when comparing to other specifications.

If you require detailed U value calculations and reports please discuss with us, as we can provide custom simulations and reports (these can have a small impact on the U value, usually positive). This service is provided at an extra cost.

Document M - Mobility: All doors can comply with these requirements (subject to size and design), but will not have been specified for this, unless requested. Further information is available in our brochures, or we can provide technical advice.

Document N – Glazing: Safety in relation to impact, opening and cleaning: Unless stated, we do not specify products that allow for cleaning from the inside. We do have a range of options that allow easy cleaning from the inside including a fully reversible outward opening casement range, an inward opening casement range, a pivot range and a tilting sliding sash range. These windows have the added benefit that they usually allow for the simple re-coating of the windows to be carried out from the inside. Please ask us about these if required.

Document O – Overheating: We have not allowed for any solar control unless specifically requested.

Document Q - Security: Whilst these requirements only apply to new build properties, there are many elements that we believe should be included on replacement projects as well. Most of our products meet the requirements as standard and some will only require security glazing units or minor hardware changes to be specified.

Installation and Maintenance Requirements

Our windows and doors are factory finished and are ready to be installed into finished openings. They should be installed in accordance with our *Installation Manual*. The *Owner's Manual* provides maintenance information to allow you to achieve the maximum performance and life from the products and maintain the guarantees.

OTHER INFORMATION

Delivery / Handling

Handling: Windows and doors can be very heavy and as a result need careful consideration when off-loading from our delivery lorry on site. You must have the necessary manpower and equipment to offload at site.

To ensure that we can safely load vehicles and manage the product through the production process it may be necessary to supply the sashes/doors/glass loose or manufacture the windows and doors in sections that can be joined on site. Site assembly of these will be the customer's responsibility unless installation has been quoted for.

Delivery Cost: The delivery cost included in your quotation is for the supply of the products to the specified address and reasonable time for them to be offloaded from the vehicle. This means that the site should be ready for the delivery vehicle and the products should be offloaded next to the vehicle or to an area close by. If returnable stillages are being left at your site, these must be available for collection 2 weeks after the delivery has

been made with any additional time being chargeable at £15+VAT per stillage per week.

Collections: You are welcome to collect your windows and doors directly from the factory. Please inform us at the point of order if you would like to collect. Collections will become your responsibility once loaded onto the collection vehicle.

Delays and Storage: We will store goods for up to 2 weeks without charge. If you delay the delivery beyond this, it will incur a charge of £25+VAT per pallet for the first week and £15+VAT per pallet per week thereafter.

Lead Times

Certain products may have slightly longer lead times due to the lead times from our suppliers. These include P1 Circular and Oval Pivot Windows (additional 3-6 weeks); Integral Blinds (additional 2-6 weeks depending on specification); Vacuum Glass units (additional 6 weeks).

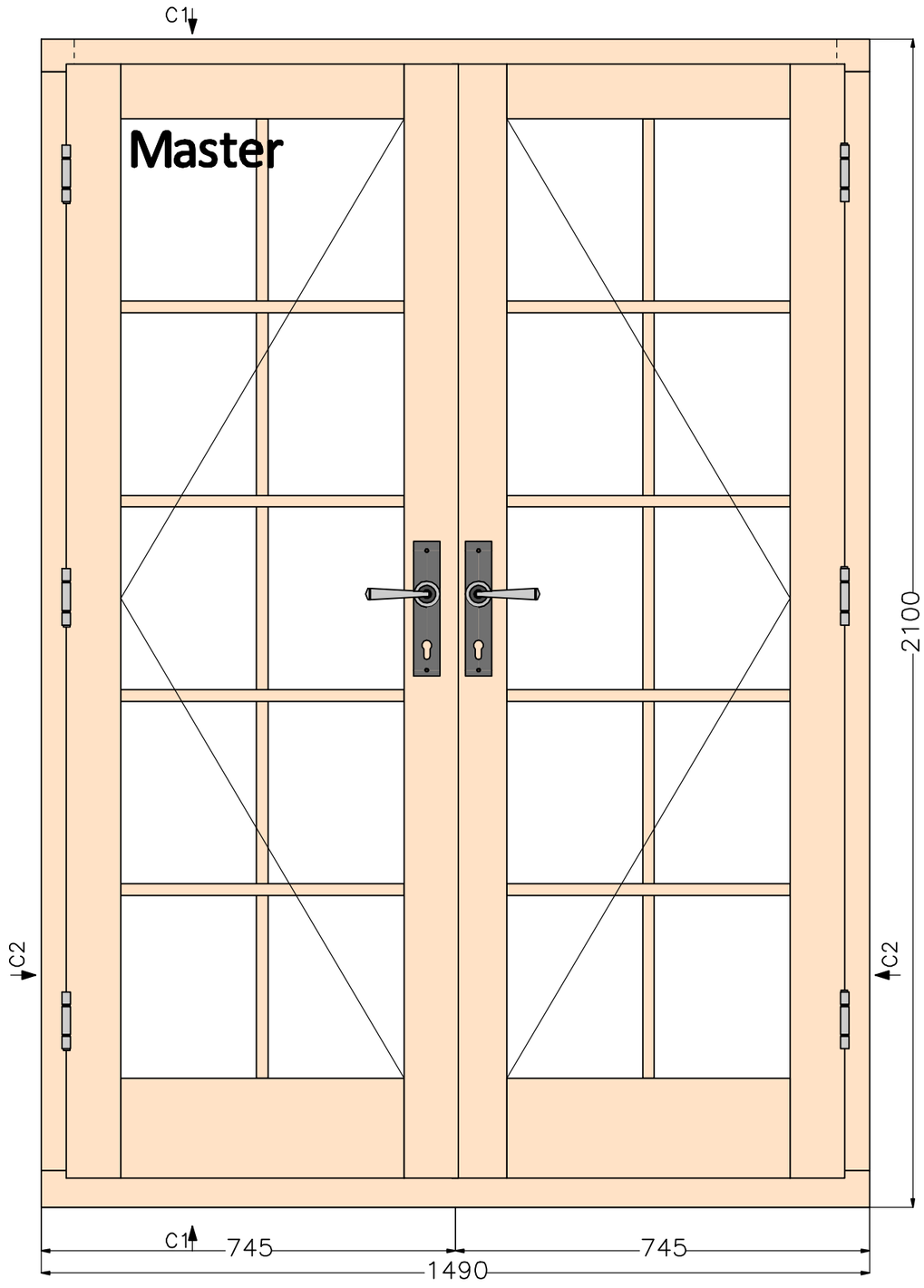
Delays

Our price is based on supplying to the lead time at point of order. If you delay the order by over 4 weeks, we reserve the right to reprice the order to account for any cost increases we incur due to the delay.

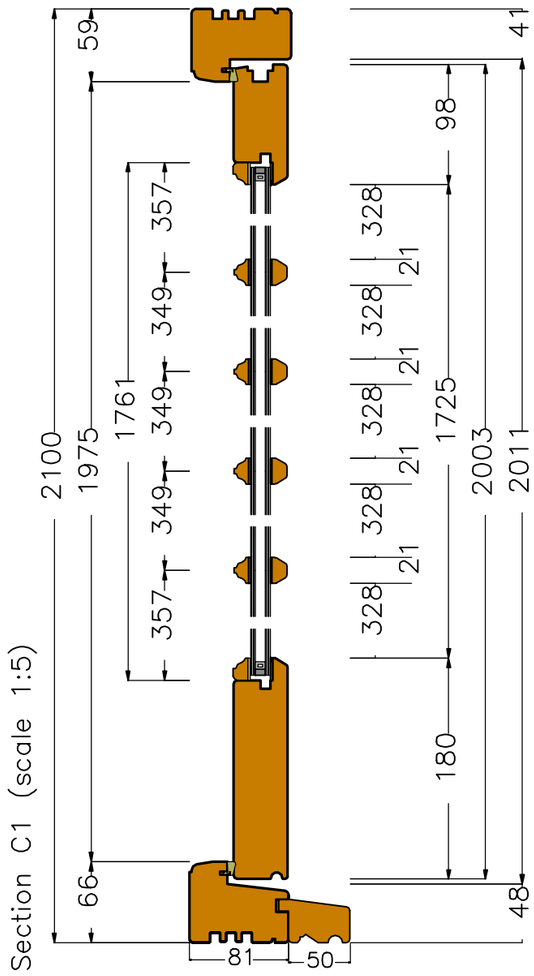
Comments

Customer: Duncan Wright, Timber Windows (UK) Ltd – Young
Ref: W01 30

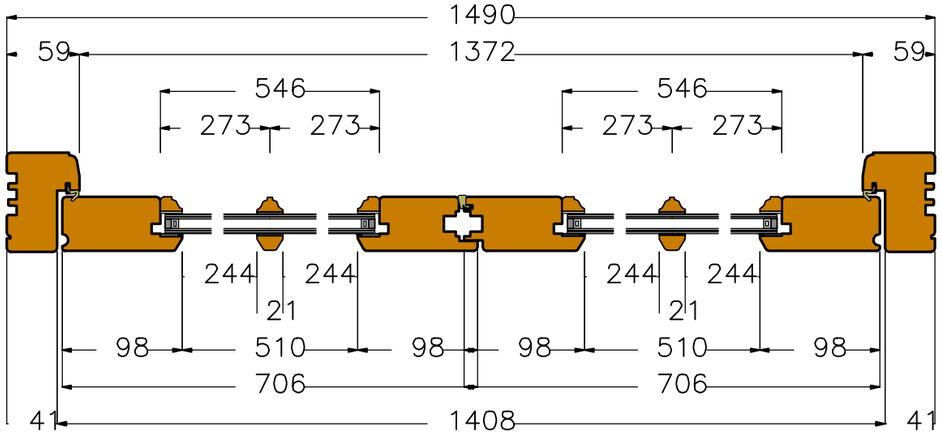
View from outside (scale 1:10)



Section C1 (scale 1:5)



Section C2 (scale 1:5)



Structural opening/Brickwork — Rebate — Sash — Supplementary Dimensions

Dimensions refer to manufacturing sizes; ironmongery shown is only indicative to actual location

F/Sashes	
F/Ironmo	
Glaze	
P/O/B	

Revisions

A. Handles revised

Project – YOUNG

Drawing No	1
Scale	As shown on A3
Drawn by	Victoria Polydore
Date	08.04.2024

GEORGE BARNSDALE
Est. 1884
High Street, Donington, Spalding, Lincs, PE11 4TA
01775 82300
www.georgebarnsdale.co.uk