Proposed erection of extension at third floor level, creation of roof terraces at first and third floor level, installation of PVs and rooflights repair works and refurbishment including replacement and new windows, creation of new residential entrance all in connection with use of first, second and third floor as 4 x self-contained flats (1 x 1 bedroom and 3 x 2 bedrooms) units with flexible retail/commercial and professional services use (class A1/A2) at lower and upper ground floor level.

Application ref. no: 2012/6891/P

Site: 465-467 Finchley Road, London, NW3 6HS

Specification of Materials

Milan Babic Architects Ltd Bickel's Yard 151B Bermondsey Street London SE1 3UW

Tel: 0203 -117 0120 Date: May 2014. Fax: 0203- 117 0122 Job No: 679

BR/679/901: Bricks specification



YOUR PARTNER IN MATERIALS AND TECHNOLOGY



Queens Road Penkhull Stoke-on-Trent ST4 7LQ Tel: +44 (0) 1782 764444 Fax: +44 (0) 1782 412331 E-mall: info@ceram.com http://www.ceram.com

PHYSICAL TESTING REPORT

Sussex Brick Limited Hastings Brickworks Fourteen Acre Lane Three Oaks Sussex **TN35 4NB**

FAO: G Harrison

REPORT OF TESTS ON: Red Clay Frogged Bricks

Your Reference:

Waverley Orange

CERAM Reference:

(061135)-5730

Date Reported

17-Mar-2006

Order Number:

None

Date Logged

28-Feb-2006

Date(s) of Test(s):

01-Mar-2006 to 14-Mar-2006

Determination of Compressive Strength BS EN 772-1: 2000 (By Surface Grinding)

	Brick Length	Brick Width	Frog Length	Frog Width	Load	Compressive Strength
lo.	mm	mm	mm	mm	kN	N/mm²
1	219.0	103.5	149	50	242.2	15.9
2	218.5	101.5	149	49	259.8	17.5
3	218.0	104.0	149	50	242.5	15.9
4	215.5	103.0	149	49	265,3	17.8
5	219.0	102.5	149	49	252.2	16.7
6	215.0	101.5	142	50	221.4	15.0
7	216.5	102.5	145	50	239.2	16.0
8	217.0	104.0	148	48	241.2	15.6
9	217.0	102.5	147	50	219.8	14.8
10	219.0	102.0	150	49	235.1	15.7
Mean	217.0	103.0	148	49	241.9	16.1

Name of organisation carrying out sampling: SUSSEX

Method of Conditioning: Dryer at 105 deg C Method of Preparation: Surface Ground Orientation of Loading: Bed Face Coefficient of Variation: 6.1 %

Continued on Next Page

S Hall

Page 1 of 2

Authorised Signatory

This report is issued in accordance with the Conditions of Business of CERAM Research Limited and relates only to the sample(s) lested. No responsibility is taken for the accuracy of the sampling unless this is done under our own supervision. This report shall not be reproduced in part without the written approval of UKAS and CERAM Research Limited, nor used in any way as to lead to misrepresentation of the results or their implications.





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FAO: G Harrison

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Your Reference:

Waverley Orange

CERAM Reference:

(061135)-5730

Date Reported

17-Mar-2006

Order Number:

None

Date Logged

28-Feb-2006

Date(s) of Test(s):

01-Mar-2006 to 14-Mar-2006

Determination of Water Absorption

BS EN 771-1: 2003 Annex C (Clay masonry units by submerging in water)

	Dry Welght	Saturated Weight After 24 Hr Soak	Water Absorption
Vo.	9	g	%
1	2203	2541	15
2	2208	2563	16
3	2221	2578	16
4	2235	2592	16
5	2218	2573	16
6	2217	2552	15
7	2140	2476	16
8	2197	2547	16
9	2166	2515	16
10	2197	2543	16
Mean	2200	2548	16

Name of organisation carrying out sampling: SUSSEX

The method of sampling was not supplied.

End of Test Report

S Hall

Authorised Signatory

Page 1 of 1

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Your partner in materials & technology

27/06/2014 09:45



CERAM Queens Road, Penkhull Stoke-on-Trent ST4 7LQ England

Tel: +44 (0) 1782 746476 Fax: 144 (0) 1782 412331 E-mail: onquiries@cerem.com www.ceram.com/building

Test Report

BLYTH SUSSEX GHL

Sussex Brick Clients Mark Waverly Orange

Hastings Brickworks Your Reference Order Number 061135

Fourteen Acre Lane **Date Received** 27 February 2006 Three Oaks

Laboratory No. SW065a/06;W4327 Sussex

Date Tested 6 to 28 March 2006 **TN35 4NB**

Date Issued 28 March 2006

F.A.O. Mr G Harrison

H://SW065a/06;W4327 Our Reference

DETERMINATION OF FREEZE/THAW RESISTANCE OF CLAY MASONRY UNITS

1. SAMPLES RECEIVED

Definitions Waverly Orange Name

Material Clay Code

215x102.5x65mm Size Colour Orange

(Nominal) Finish Natural Shape Regular

Soft Mud **Features** Single Frog Making

No. Rec'd. 40

2. **TEST PROCEDURE**

2.1 Introduction

The test has been carried out in accordance with the draft European method prEn772-22 (April 2004) which involves subjecting a panel of brickwork to repeated freeze-thaw cycles designed to simulate naturally occurring conditions. From the test the bricks are given a freeze-thaw resistance classification which categorises the bricks as being suitable to withstand the following conditions:

F2 - Severe Exposure

F1 - Moderate Exposure

F0 - Passive Exposure

The test method is summarised as follows:

Page 1 of 4 pages

(00)



CERAM Building Technology Test Report Laboratory No. SW065a/06;W4327

2.2 Sample Preparation

Each unit was numbered and any existing defects on individual bricks noted before testing.

2.3 Construction of Test Panel

A panel of brickwork consisting of 10 courses of 3 bricks in half bond was built using a 1:4 by volume High Alumina Cement: Sand mortar with bucket handle tooled finish to the joint was constructed. The panel was then left to cure in ambient laboratory conditions for a minimum of 3 days before testing.

2.4 Freeze/Thaw Cycles

The panel was immersed in water at room temperature for 7 days before installation in a freeze-thaw apparatus which subjects the main face of the panel to repeated cycles of freezing and thawing following an initial freeze at an air temperature of -15°C for 6 hours. The rear of the panel was insulated with a 50mm thick extruded polystyrene foam board and the sides insulated with a 25mm thick polystyrene board.

A freeze-thaw cycles consists of 120 minutes (±5 mins) of freezing to -15°C (±3°C) air temperature, heating with re-circulated warm air to 20°C(±3°C) for 20 minutes, 2 minute flood coat spray at a water temperature of 18-25°C followed by a two minute drain period. This gives 10 cycles every 24 hours and a standard test will continue for 100 cycles.

2.5 Assessment of Freeze/Thaw Resistance

The panel was examined after 15 and 50 cycles. After 100 cycles the panel was allowed to thaw completely, removed from the apparatus and photographed (fig 1). The panel was then dismantled and individual bricks examined for frost damage as categorised in Table 1.

TABLE 1.

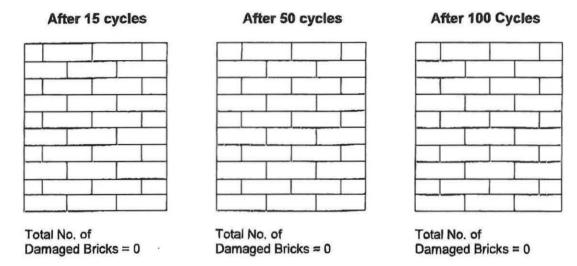
Categories/Types of Damage	Type
None	0
Crater (e.g. lime-burst)	1
Hair Crack < 0.15mm	2
Minor crack	3
Surface crack	4
Through crack	5
Chipping, peeling, scaling	6
Fracture	7
Delamination	8

Page 2 of 4 Pages

CERAM Building Technology Test Report Laboratory No. SW065a/06;W4327

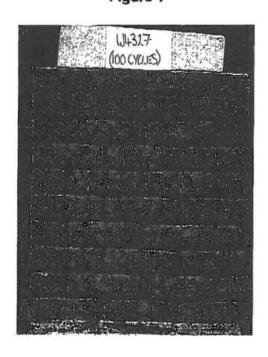
2,6 Results.

INCIDENCE OF DAMAGE



Incipient delamination detected by tapping the face of the panel with a metal rod is reported as C at 15 and 50 cycles if delamination is confirmed at 100 cycles

Figure 1



Page 3 of 4 Pages

CERAM Building Technology Test Report Laboratory No. SW065a/06;W4327

3. CONCLUSIONS

From the test carried out no damage greater than type 3 (see table1) was observed after 100 freeze-thaw cycles and therefore the bricks are classified as being F2 i.e. suitable for use in conditions of severe exposure.

Guidance on the type of masonry subject to severe exposure conditions is given In Appendix B3.2 of BS EN 771-1:2003 "Specifications for Clay Masonry Units"

Additional guidance may be offered by the manufacturer and the use of these bricks in specific situations.

(End of Test Report).

Authorised signatory:

BR/679/902: Cast stone specs to form headstone, cills and cornices



CAST STONE TECHNICAL DATA SHEET CSTDS 1

XCast STONE MASONRY WALLING UNITS

GB Architectural Cladding Products Ltd manufactures a comprehensive range of XCast Masonry Units which are available in a choice of materials, colours and finishes. This data sheet covers those particular products which may traditionally be used as walling material e.g. Ashlar walling, cills, heads, string, copings and quoin blocks.

XCast components are manufactured by blending selected dense aggregates with Portland Cement and in some cases colourfast iron oxide pigments. The mix is then pneumatically compacted to produce dense, compact units with precise dimensions and a clean appearance.

Units of this type are manufactured and tested in accordance with BSEN 771-5 2003; Specification for Manufactured Stone Masonry Units.

As stated in this Standard they can be defined as:

> Facing Masonry units intended for use with one or more faces visible in use which may or may not be exposed.

Manufactured Stone Masonry units having at least one exposed face with a close structure formed from either one or two homogeneous mixtures of aggregate, cementitious binder and other materials moulded under pressure and/or vibration and with or without further processing intended to resemble and be used as an alternative to natural stone.

Two-part Masonry units manufactured with different facing and backing concretes.

APPEARANCE Available in a variety of colours and textures

DIMENSIONS Typical Ashlar Walling units: 440 x 215 x 100/120/140mm

440 x 140 x 100/120/140mm 440 x 290 x 100/120/140mm

Other bespoke sizes are available to special order.

Typical Quoin blocks

440 x 215 x 215 x 100/120mm plain

460 x 215 x 235 x 100/120mm O/A Chamfered 350 x 215 x 235 x 100/120mm O/A Chamfered

Comprehensive details on actual sizes are given in our Technical Manual

TOLERANCES Category D1 (+3mm – 5mm in all directions)

CONFIGURATION Minimum face thickness on two-part components is 20mm

SURFACE APPEARANCE Plain, profiled or textured

COLOUR Ashlar blocks and Quoins may be produced by a slightly different process than that of other Cast

Stone dressings and as such may exhibit slight shade differences and weathering characteristics

from hand-cast components.

FLATNESS OF SURFACE < 2mm typical for a 440 x 215 Ashlar unit as measured according to BSEN 772-Z0

DENSITY Face mix 2100 kg/m³
Backing mix 1800 kg/m³

COMPRESSIVE STRENGTH Homogenous mixes, 35N/mm² mean

Two part mixes, Facing mix; 35N/mm² mean Backing mix; 15N/mm² mean

THERMAL PROPERTIES

None declared. Consult GB Architectural Cladding Products Ltd

None declared. Consult GB Architectural Cladding Products Ltd

nb – BS 5628, -3; 2005, Table 12 - States that aggregate concrete bricks which are made by a similar process require a minimum compressive strength of 18N/mm² for use in unrendered

external walls.

WATER ABSORPTION BY CAPILLIARITY

<3.0g/m²/s^{0.5} <0.60mm/m

MOISTURE MOVEMENT

5/15µ (Tabulated from EN 1745)

WATER VAPOUR PERMEABILITY
REACTION TO FIRE

Euroclass A1

SHEAR BOND STRENGTH

0.15 N/mm² (Tabulated from EN998-2: 2003 Annex C)

BUILT WALL WEIGHT

Approximately 225kg/m² Unplastered Single Leaf 100mm Wall

PRESENTATION Self-contained packs, shrink wrapped and protected by polystyrene.

Spen Valley Works | Carr Street | Liversedge | West Yorkshire WF15 6EE

Phone: 01924 404045 | Fax: 01924 401070

E-mail: info@artstone.co.uk | Website: www.grc-gbgroup.co.uk



BR/679/903: Concrete paving to entrance terraces

Conservation Smooth - New Size



Conservation Smooth, Silver Grey, Greenmarket Dundee



Conservation Smooth, Buff, Thurmaston Retail Park

450 x 300 is available in all three colours







Silver Grey Charcoal Harvest Buff

Sales Office: 0845 3020600

Technical Support: 08704 113344

Manufacturing Standards: see page 131



PACO01

Q25 315

 Paving
 page 26, 27, 36, 38

 Block Paving
 page 88

 Water Management
 page 182

 Kerb Channel & Edging
 page 222, 224

Conservation

Smooth Ground Concrete Paving

- Appearance and richness of natural granite aggregates benefiting from the consistency of modern manufacturing techniques then ground to form a smooth surface finish.
- The smooth surface supports those projects with a contemporary edge.
- 48.3% recycled material is used in the production of the Conservation range.
- Increasing in demand this finish is becoming popular for use in internal areas, creating a synergy with exterior landscapes.
- Available in 3 colours.
- Step Unit available to complement Conservation Silver Grey and Conservation Charcoal (see page 59)
- Product compliant to BS EN 1339: 2003.
- A full colour range of complementary Conservation Kerbs, Edging, Setts and Mistral CBP available.

Colours

Precise colour and surface texture should be judged from actual materials rather than photographic representations.







Charcoal

Harvest Buff

Silver Grey



Conservation Smooth, Silver Grey, Telford College, Edinburgh

								Charcoal (Ref No.)		Silver Grey (Ref No.)
	50	450 x 300	5.4	Chamfered		15.3	612	FL2703250	FL2705250	FL2701750
	50	450 x 450	6.4	Chamfered	E50	23.0	920	FL2702250		FL2700750
	50	600 x 600	7.2	Chamfered	B50	40.0	800			FL2701250
	<mark>50</mark>	900 x 300	5.4	Chamfered		32	640			FL2701750
Trafica	60	300 x 300	4.3	Chamfered	G60	13.0	624	FL2752250	FL2751250	FL2750750
FRP	63	450 x 600	4.3	Chamfered	A63	39	624			FL2762500
FRP	63	600 x 600	5.8	Chamfered	B63	52	832			FL2760500
Trafica	65	400 x 400	4.8	Chamfered	F65	26.9	807	FL2802250	FL2801250	FL2800750
Trafica	70	450 x 450	5.7	Chamfered	E70	33.6	940	FL2902250	FL2901250	FL2900750
Step Tread	50	450 x 450*	40 No.	Chamfered	E50	23.0		Telephone		FL9638350
Step Tread	65	400 x 400*	30 No.	Chamfered	F65	24.0		Telephone		Telephone
Step Unit**	150	350 x 1000				126	1008	FL9671300		FL9670300
Step Unit**	150	400 x 1000				144	1152	FL9671200		FL9670200

Conservation Paving with reference numbers indicated in bold black are available ex-stock.

Conservation Paving with reference numbers indicated in light black are manufactured to order, contact our sales office to discuss your requirements. Units are supplied with a 55mm wide non-slip black strip as standard however other colours of strip are available. Risers are also manufactured to suit. Please contact our sales office for further details.

BR/679/904: Timber windows details

377-399 London Road Camberley Surrey GU15 3HL

www.wescottwoodenwindows.co.uk

Tel: 01276 415802 Fax: 01276 415805

AMYN GOVANI 465-467 FINCHLEY ROAD NW36HS

Quotation: Q14-1918 / Project: PRJ-14-01313

Building project: QUOTE

Document Date : 27/05/2014

Contact: Ben Friend

Phone: 02031170120

Thank you for your enquiry to Wescott Wooden Windows and for your interest in our quality windows and doors. Please note: **ALL DRAWINGS ARE VIEWED FROM THE OUTSIDE**. We are pleased to quote for you the items as follows:

INCLUDING TRICKLE VENTS

Item		Quantity	Description		U-Price	T-Price
1	1 00 00 00 00 00 00 00 00 00 00 00 00 00	10 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HO BTM SASH SLIDING+WEIGHTS P.BRASS TOP SLIDING SASH P.BRASS BOTTOM SLIDING SASH 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 81.619	ORN 1 978.71	9,787.10
2	1 956 966 956	8 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HO BTM SASH SLIDING+WEIGHTS P.BRASS TOP SLIDING SASH P.BRASS BOTTOM SLIDING SASH 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 86.858	ORN 1	7 888 16

986.02 7,888.16

Carry over: 17,675.26







Quotation: Q14-1918, of 27/05/2014

Item		Quantity	Description	U-Price	T-Price
				Carry over :	17,675.26
3	2 - 0050 - 1050 -	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HORN 1 BTM SASH SLIDING+WEIGHTS P.BRASS TOP SLIDING SASH P.BRASS BOTTOM SLIDING SASH 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 60.807	898.71
4	1 200	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HORN 1 BTM SASH SLIDING+WEIGHTS 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 51.935	
				843.65	843.65
5	1 088 002	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HORN 1 BTM SASH SLIDING+WEIGHTS P.BRASS TOP SLIDING SASH P.BRASS BOTTOM SLIDING SASH 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 74.215	
				957.48	957.48
6	2 \rightarrow 0061	2 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HORN 1 BTM SASH SLIDING+WEIGHTS P.BRASS TOP SLIDING SASH P.BRASS BOTTOM SLIDING SASH 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 78.365	
			•/	978.14	1,956.28
				Carry over:	22,331.38



Quotation: Q14-1918, of 27/05/2014

Item		Quantity	Description	U-Price	T-Price
				Carry over :	22,331.38
7	1005	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HORN 1 BTM SASH SLIDING+WEIGHTS P.BRASS TOP SLIDING SASH P.BRASS BOTTOM SLIDING SASH 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 95.239 1,012.89	1,012.89
8	-591—609— 1200—	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	INL_DR RED GRANDIS WHITE 30% SHEEN FLUSH DR.FRAME OP-IN SUBCILL FLUSH DOOR OPEN IN SUBCILL MASTER DOOR IN - BUTT HINGE SL.DOOR IN-BUTT HINGE+LOCK 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 107.620 FRENCH DOOR SET	
				1,298.64	1,298.64
9	1	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HORN 1 BTM SASH SLIDING+WEIGHTS P.BRASS TOP SLIDING SASH P.BRASS BOTTOM SLIDING SASH 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 61.456	
				914.36	914.36
10	1 086 0881 0881 0881 0881 0881 0881 0881	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGHTS + HORN 1 BTM SASH SLIDING+WEIGHTS 4x4x4 CLEAR TOUGH SOFTCOAT BLACK WARM EDGE SPACER BAR 112.922 1,028.69	1,028.69
					26,585.96
				Carry over:	∠0,585.96



Quotation: Q14-1918, of 27/05/2014

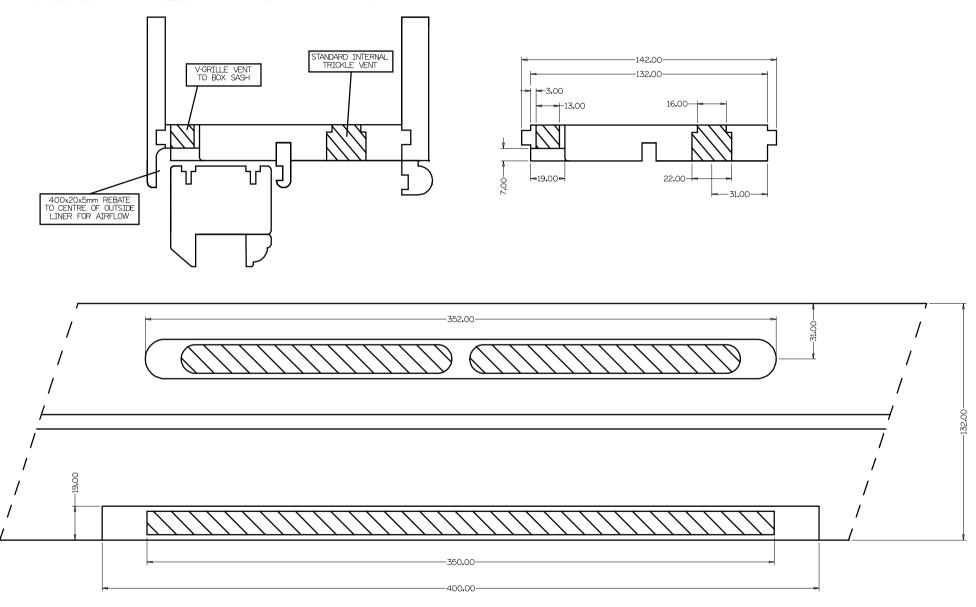
Item		Quantity	Description		U-Price	T-Price
					Carry over :	26,585.96
11	1 000 000 000 000 000 000 000 000 000 0	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	CW_2010 RED GRANDIS WHITE 30% SHEEN WEIGHTS SLIDING SASH TOP SASH SLIDING+WEIGH BTM SASH SLIDING+WEIGH 4x4x4 CLEAR TOUGH SOFT BLACK WARM EDGE SPACE 88.451	ITS COAT	
					986.54	986.54
12	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /	1 Piece(s)	Product: Timber: Finish: Frame: Sash: Hardware: Glass: Option 1: Weight(kg):	MASTER DOOR IN - BUTT H 4x4x4 CLEAR TOUGH SOFT BLACK WARM EDGE SPACI	UBCILL INGE COAT	
					649.81	649.81
	of items /ERED BY COMPANY TRA	NSPORT				£28,222.31 150.00
Total VAT	net			20.00 %		£28,372.31 £5,674.46
Total	gross					£34,046.77

Please note that all prices are valid for 30 days from date of quotation.

Please check all the details in our quotation. Should you require any further information please do not hesitate to contact us at the numbers provided.



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