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ventilation cont.

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Thermal bridging

windows & doors - sealant pointing to be provided around external face of frames & expanding foam to be provided around internal face of frame to receive plaster, junction of roof & wall - contractor to ensure that wall insulation is taken up to the roof insulation, junction of floor & wall - contractor to ensure that floor insulation is provided at edge of floor slab and meets wall insulation over.

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Stairs

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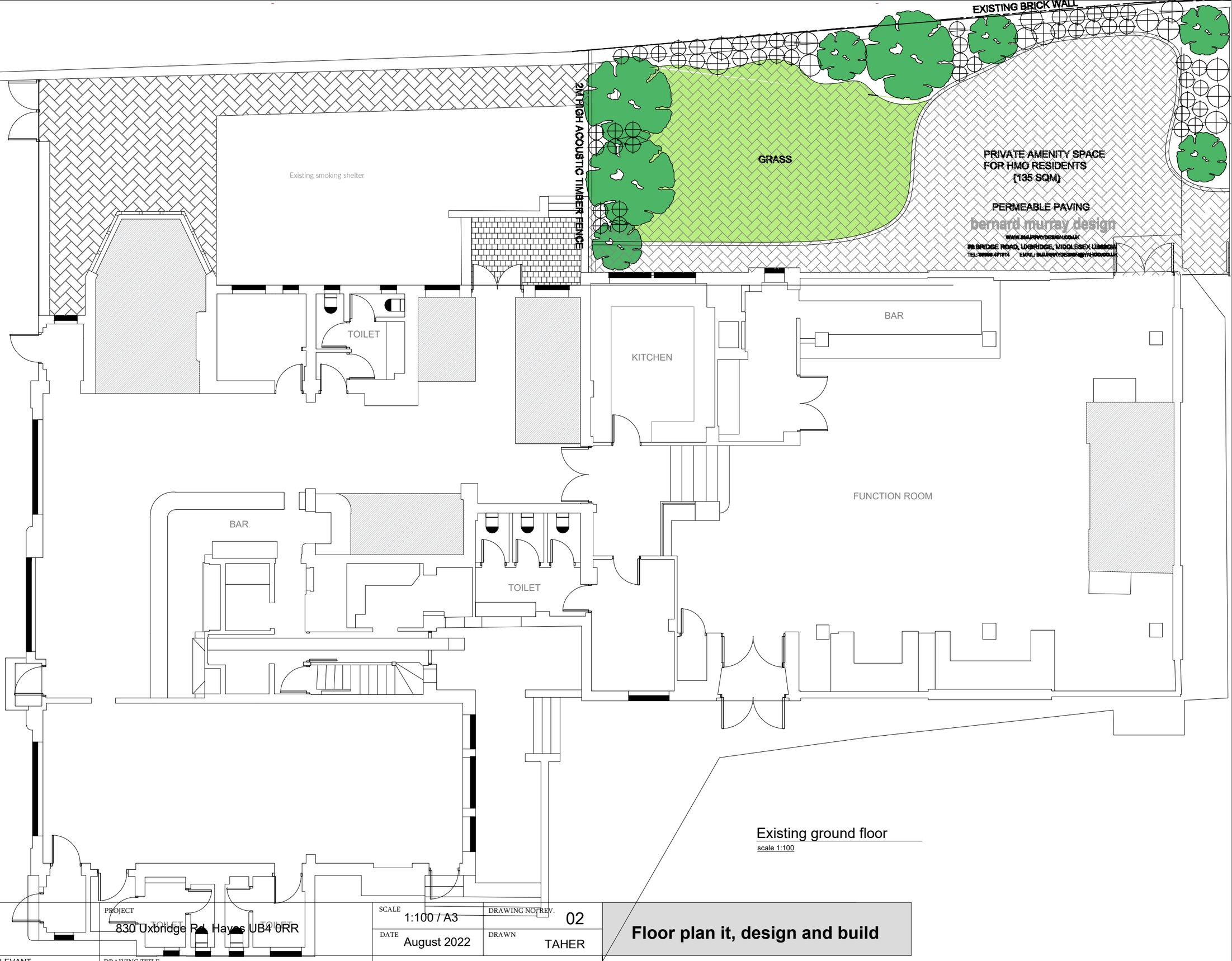

Existing ground floor

scale 1:100

bernard murray design
WWW.BMURRYDESIGN.CO.UK
98 BRIDGE ROAD, UXBRIDGE, MIDDLESEX UB8 2BG
TEL: 07956 471714 EMAIL: BMURRYDESIGN@YAHOO.CO.UK

CLIENT

Mr Khalid Naseri "Shiraz"

PROJECT

830 Uxbridge Rd, Hayes UB4 0RR

SCALE 1:100 / A3

DRAWING NO/REV. 02

DATE August 2022

DRAWN TAHER

Floor plan it, design and build

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DRAWING TITLE

Floor plans

Meters : 1:100 / A3

0 1M 2M 3M 4M 5M

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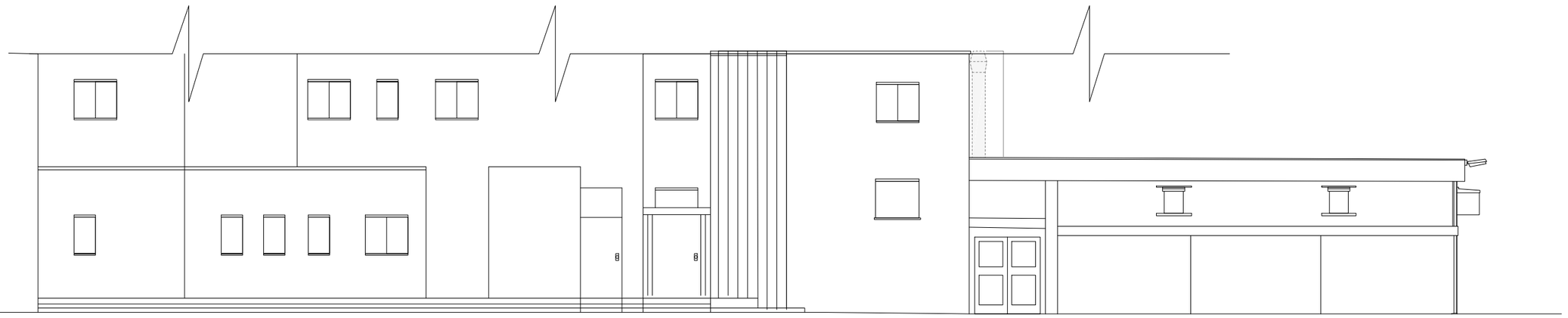
CLIENT

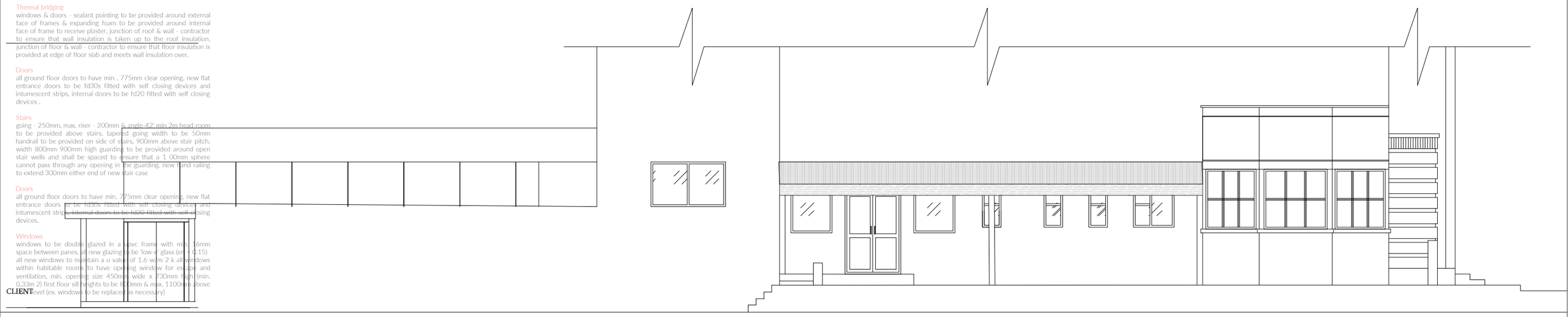
Existing East facing Side elevation

scale 1:100



Existing West facing elevation

scale 1:100



Mr Khalid Naseri "Shiraz"	PROJECT 830 Uxbridge Rd. Hayes UB4 0RR	SCALE 1:100 / A3	DRAWING NO. REV. 02
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Existing front elevation

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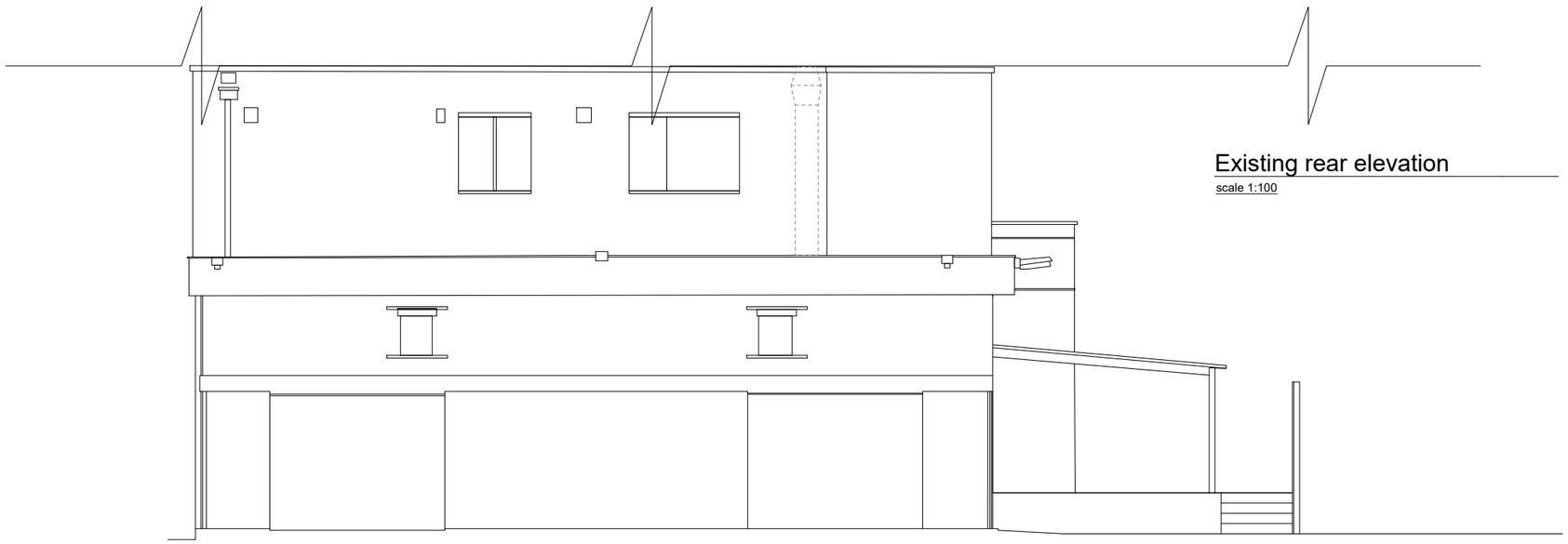

Existing rear elevation

scale 1:100

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DECLARATION OF PERFORMANCE No: UK-WER-0205-02_english

SOUND INSULATION SLAB

http://dop.rockwool.com

1. Unique identification code of the product-type	UK-WER-0205-02_english
2. Intended use of the construction product as foreseen by the manufacturer, in accordance with the applicable harmonised technical specification	Thermal insulation for buildings
3. Name, registered trade name or registered trade mark and contact address of the manufacturer, as required pursuant to Article 11(5) of regulation (EU) No 305/2011	ROCKWOOL® Limited Pencoed, Bridgend, CF35 6NY
4. Applicable System or Systems of Assessment and Verification of Constancy of Performance (AVCP)	SYSTEM 1 for uses subject to regulations on reaction to fire SYSTEM 3 for all other intended uses
5. Harmonised Standard reference number and date of issue	BS EN 13162:2012 +A1 2015 Issued on 28 February 2013
6. Notified Body identification number	0086
7. Declared Performances	Please refer to the table below (NPD – No Performance Determined)

Essential Characteristics	Requirement clauses in this European Standard	Level and/or classes	Declared value
Reaction to fire Euroclass characteristics	4.2.6 Reaction to fire	Euroclasses	A1
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	–	NPD
Acoustic absorption index	4.3.11 Sound absorption	Declared p and w	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	Declared s’	NPD
	4.3.10.2 Thickness, dL	Declared dL and T Class	NPD
	4.3.10.4 Compressibility c	Declared c and CP Level	NPD
	4.3.12 Air flow resistivity	Declared AFr	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	Declared AFr	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	–	NPD
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared R90/90 and/or 90/90	λ(90/90) = 0.038 W/mK
	4.2.2 Length and width	Declared l and b	±3mm and ±5mm
	4.2.3 Thickness	Declared d or tolerance class T T4	
	4.2.4 Squareness	Declared Sb	±2.5 per 500mm
	4.2.5 Flatness	Declared Smax	±6mm
Water permeability	4.3.7.1 Short term water absorption	Declared W(P)	NPD
	4.3.7.2 Long term water absorption	Declared WL(P)	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared or Z	MU1
Dimensional Stability	4.3.2 Dimensional Stability	Declared DS	
Compressive strength	4.3.3 Compressive stress or compressive strength	Declared CS Level	NPD
	4.3.5 Point load	Declared Fp	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristicsa)	b)	NPD
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Declared R90/90 and/or 90/90 c)	NPD
	4.2.7 Durability characteristics	d)	NPD
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces e)	Declared TR Level	NPD
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	Declared Xct and Xt	NPD

a) No change in reaction to fire properties for mineral wool products.
b) The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
c) Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.
d) For dimensional stability thickness only.
e) This characteristic also covers handling and installation.

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Ian Kellie
Production Director

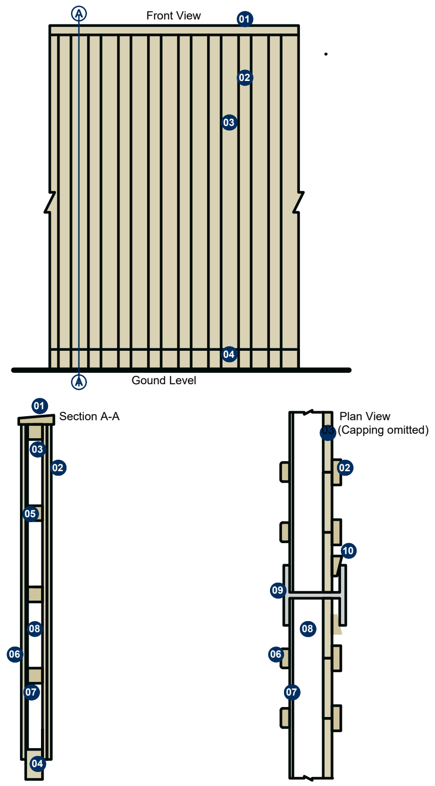
At Bridgend on 10th July 2019

ROCKWOOL

CREATE AND PROTECT®

JCW Absorbent Sound Screen

FITTED INTO TIMBER OR STEEL POSTS - SUITABLE FOR INDUSTRIAL AND COMMERCIAL ENCLOSURES (MAX HEIGHT 6M)



NBS Source PARTNER

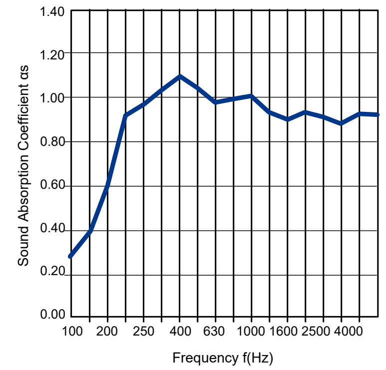
01 Capping Rail
02 Cover Strips
03 Boards
04 Gravel Board
05 Rail
06 Vertical Batons
07 Geotex
08 Absorber
09 Post
10 Site Fix Wedges (optional for steel post only)

Please Note

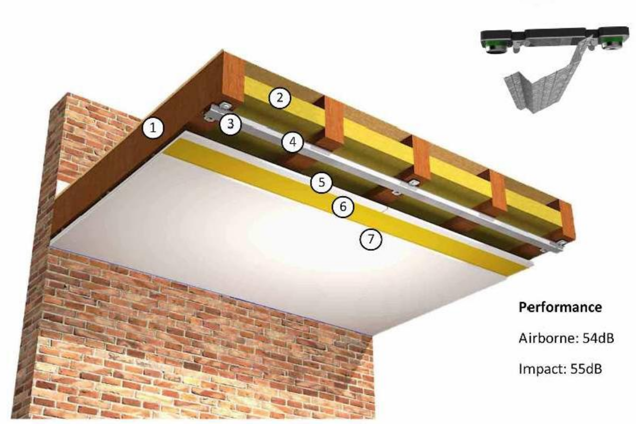
1. Structural calculations may be required by qualified persons, no responsibility can be accepted by using this design without professional advice. Maximum height of 6 metres.
2. Conforms and tested to BS EN 1793. Also tested and complies to BS EN 1794-1 and BS EN 1794-2.
3. Complies with Highways Sector Scheme 2C for the prefabrication of environmental barriers.
4. Design in accordance with specification for Highway Works Clause 2504. Treatment to Sector Scheme 4.
5. Height of sound screen variable to suit specific locations. Post centres at 2.4m or 3.0m unless otherwise specified.
6. Absorbent sound screens can also be fitted to timber posts as an alternative.

JCW Absorbent Sound Screen fitted into steel posts. BS EN 1793-1: 1998. Acoustics - Road traffic noise reducing devices. Test method for determining the acoustic performance.		
Size: 12m2		
Receiving Room		
Volume: 220m2		
Condition: Clean		
Type: Large Reverberation Room		
Location: Acoustic Transmission Suite		
Sample Out:	Temperature: 20.1°C	Humidity: 48.5%
Sample In:	Temperature: 22.4°C	Humidity: 51.7%
DLα: 12		
Category: A4		

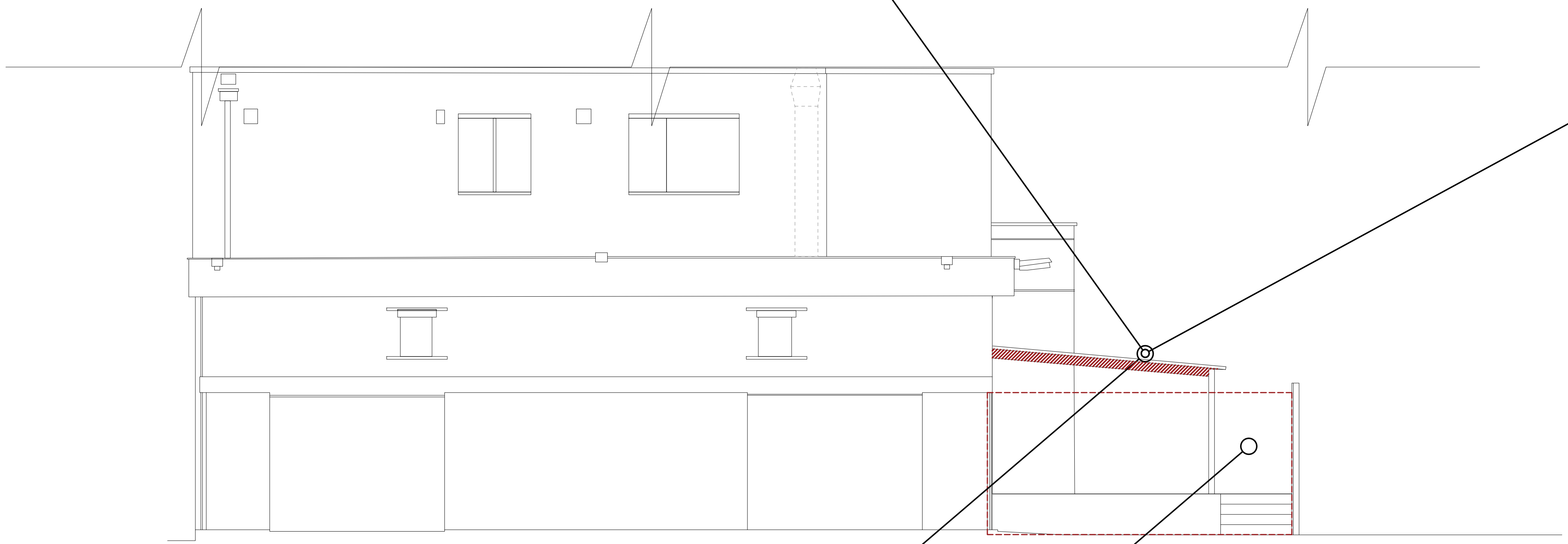
Frequency HZ	α
100	0.27
125	0.40
160	0.62
200	0.90
250	0.94
315	1.03
400	1.10
500	1.06
630	0.97
800	0.99
1000	1.00
1250	0.90
1600	0.89
2000	0.92
2500	0.90
3150	0.87
4000	0.92
5000	0.91



Test results for JCW Absorbent Sound Screen issued by:
University of Salford (Acoustics Test Laboratory)
UKAS accredited test laboratory No. 1262
Test reference number: AC09/215/15



1. Timber Joist
2. 100mm 60kg Acoustic Mineral Wool
3. ReductoClip
4. Furring Channel
5. 15mm Acoustic Grade Plasterboard
6. Tecsound SY 100
7. 15mm Acoustic Grade Plasterboard



100mm Acoustic Mineral Wool added between the timber battens. This absorbs airborne sound in the cavity partitions of timber joists, significantly improving acoustic performance and reducing reverberation
ReductoClips - able to withstand greater loads than standard clip systems, resulting in 1 /3 less clips and a more cost effective system
Reducto Furring Bar which outperforms standard resilient bar constructions by up to 7dB
Acoustic grade plasterboard (15mm) - 50% denser than standard 12.5mm plasterboard. With a mass of 12.6kg per m2 which reflects and converts high levels of sound energy into heat
Tecsound SY 100 (self-adhesive) a specially developed thin 10kg per m2 soundproofing material
Acoustic grade (15mm) plasterboard - a further layer to increase airborne noise blocking capabilities

JCW Acoustic barrier between the HMO and Shisha terrace

Sound insulation to prevent any noise bleeding through to the HMO above