

A fe Project Name:	Belmont Street	Total Area: 2817m² (+ Podium)
Project Address:	Crogsland Road	Blue Roof Area: 838m²
	Camden	Cold Applied Liquid: 1446m2
	London	
	NW1 8HF	
Project Reference:	6853	
Revision:	10 – Construction Issue	Notes:
Date:	29.06.2023	T: Threshold Measurement P: Parapet Measurement
Main Contractor:	Countryside Partnerships	I: Items in italics supplied by others
Specification Produced By	Michael Fadian	

Block A

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Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Level 07 Roof Lift Over Run		RT1	200mm RC Slab,	EshaPrimer	*Subject to design, but max height nominally 260mm
(1 Number)			zero falls	EshaBase ALU	
				ProTherm PIR Torch TAPERED 1:60*	
T: N/A				Esha 370 Plain	
P: N/A				Esha 370 FireSafe	
'				Esna 370 Firesale	
Target U-value: 0.10w/m²k					
Total Roof Area: 14m²					
Fire Pating Paguinament					
Fire Rating Requirement:					
Broof(T4)					
	Image Rotated				
Level 07 External Stair		TBC	RC Slab, cast to	EshaPrimer	*U value Assumed Radmat specification is based on achieving
	Mal a same		falls	PermaQuik PQ6100 Hot melt system	0.25w/m2k
T: N/A (Access Hatch)				Standard Protection Sheet	
P: 720mm				115mm ProTherm G XPS X 300 SL Insulation	
				ProTherm XPS X MK Water flow reducing layer	
Target U-value: 0.25w/m²k*				50mm min. depth of 20/40mm rounded ballast/pavers on	
Total Roof Area: 17m ²				pedestals	
10001711001711				peuestuis	
Fire Rating Requirement:					
Broof(T4)					
B1001(14)					
	Image Rotated				



Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Level 7 (Roof)		RT2	RC Slab	EshaPrimer	Radmat Blue Roof Calculation PR6852-BR-01
Blue/Green Roof	Not the second			PermaQuik PQ6100 Hot melt system	
				Texsa Protection Sheet (all laps torched)	
T: N/A				295mm (1x195, 1x100mm) ProTherm G XPS X 300 SL Insulation	
P: 750mm				ProTherm XPS X MK Water flow reducing layer	
				SWG100 Attenuation Geocell, fully encapsulated in G12 Fleece	
Target U-value: 0.10w/m²k				MedO D25 Drainage & Reservoir Board	
Total Roof Area: 358m²				MedO G11 Filter Fleece	
	TITLE PROPERTY.			80-150mm, 115mm Avg. MedO GM30 Wildflower Substrate	
Fire Rating Requirement:				MedO S1 Seed Mix	
Broof(T4)					
1					
	Image Rotated				
Access Terrace		RT6	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Assumed Thermally Broken, not over heated space
Levels 6, 5, 4, 3, 2			design falls	ReadySeal COLD ROOF System	Classified as a specified attachment, any insulation included to
				Finishes to be confirmed – Assumed pavers/tile on Pedestals	mitigate cold bridging would have to be non combustible
T: TBC					mitigate cold bridging would have to be non-combustible
P: TBC					
Target U-value: N/A					
Total Roof Area: 290m²					
(58m² per level)					
Fire Rating Requirement:					
BROOF(T4)/Non Combustible					
Insulation					
	Image Rotated				
Balconies		RT4	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Assumed Thermally Broken, not over heated space
Level 6, 5, 4, 3, 2			design falls	ReadySeal COLD ROOF System	
(6 per level)				Finishes to be confirmed – Assumed pavers/tile on Pedestals	Classified as a specified attachment, any insulation included to
					mitigate cold bridging would have to be non combustible
T: TBC					
P: TBC					
Target U-value: N/A					
Total Roof Area: 180m² (36m²					
per Level)					
Fire Rating Requirement:					
BROOF(T4)/Non Combustible					
Insulation	Image Rotated				
modiucion	inage notated				



Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Level 5 A+B Link Roof		RT3	RC Slab, 1:40	Esha Primer	Option for cold applied liquid due to size
(1 Number)	Not the second s		design falls	PermaQuik PQ6100 Hot melt system	
				Standard Protection Sheet	
T: N/A				295mm (1x195, 1x100mm) ProTherm G XPS X 300 SL Insulation	
P: 470mm	AND THE PROPERTY OF THE PROPER			ProTherm XPS X MK Water flow reducing layer	
İ				50mm (Min.) 20/40mm Ballast	
Target U-value: 0.10w/m2k					
Total Roof Area: 71m²					
Fire Rating Requirement:					
Broof(T4)	Lucasa Datata d				
	Image Rotated				
(A+B Link) Private Terrace		RT6	RC Slab, 1:40 falls	ReadySeal Primer w/ kiln-dried sand	Refer to drawing LD504-ECE-ZZ-Z-DR-A-2115 Detail 1
Level 4, 3, 2, 1				ReadySeal COLD ROOF System Finishes to be confirmed – Assumed pavers/tiles on Pedestals	Thermally Broken, not over heated space
T: 115mm				Fillishes to be confirmed - Assumed puvers/ tiles on Fedestals	mermany broken, not over heated space
P: 75mm					
1.7311111					
Target U-value: N/A					
Total Roof Area: 40m²					
(10m² per level)					
Fire Rating Requirement:					
Broof(T4)	Image Rotated				
Level 1 Delegains		RT5	DC Clab 1.40	Doody Coal Drimor w/ kills dried cond	Area over heated space. Non Thermally Draken
Level 1 Balconies (6 Number)		כוא	RC Slab, 1:40 design falls	ReadySeal Primer w/ kiln-dried sand ReadySeal WARM ROOF System	Area over heated space: Non-Thermally Broken Projecting element: Thermally broken away from slab - no
(o Nulliber)			acsign runs	200mm FOAMGLAS INVATHERM	insulation required
T: TBC				ProTherm XPS X MK Water flow reducing layer	· ·
P: TBC				Finishes to be confirmed – Assumed pavers/tile on Pedestals	U Value to area over heated space confirmed by ECE:
				**Supplemented beneath Slab with 90mm FOAMGLAS T3+ Slab	0.12w/m2k
Target U-value: 0.12w/m²k				adhered in PC56 Adhesive	U Value and build up developed between ECE and FOAMGLAS –
Total Roof Area: 37m²					No Radmat involvement
Fire Rating Requirement:					
BROOF(T4)/Non Combustible					
Insulation					
	Imaga Patatad				
	Image Rotated				



T: TBC P: TBC Target U-value: 0.12w/m²k Total Roof Area: 58m² Fire Rating Requirement: BROOF(T4)/Non Combustible Insulation Image Rotated 200mm FOAMGLAS INVATHERM ProTherm XPS X MK Water flow reducing layer Finishes to be confirmed – Assumed pavers/tile on Pedestals **Supplemented beneath Slab with 90mm FOAMGLAS T3+ Slab adhered in PC56 Adhesive U Value confirmed by ECE: 0.12w/m2k	Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
	Level 1 Access Walkways T: TBC P: TBC Target U-value: 0.12w/m²k Total Roof Area: 58m² Fire Rating Requirement: BROOF(T4)/Non Combustible			RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand ReadySeal WARM ROOF System 200mm FOAMGLAS INVATHERM ProTherm XPS X MK Water flow reducing layer Finishes to be confirmed – Assumed pavers/tile on Pedestals **Supplemented beneath Slab with 90mm FOAMGLAS T3+ Slab	Partially over heated space: Blue sections shown below are over heated space, green over unheated: U Value confirmed by ECE: 0.12w/m2k U Value and build up developed between ECE and FOAMGLAS —

Block B

Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Level 10 Lift/Stair Over run (2		RT1	RC Slab, zero falls	EshaPrimer	*Subject to design, but max height nominally 260mm
Number)	No.			EshaBase ALU	
				ProTherm PIR Torch TAPERED 1:60*	
T: N/A				Esha 370 Plain	
P: N/A	No. of the last of			Esha 370 FireSafe	
Target U-value: 0.10w/m2k Total Roof Area: 30m² Fire Rating Requirement: BROOF(T4)					
	Image Rotated				



Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Level 10 Roof		RT3	RC Slab, 1:40	EshaPrimer	Refer to Drawing: LD504-ECE-ZZ-ZZ-DR-A-2712 Detail 3
T: TBC P: 2330mm Target U-value: 0.10w/m²k Total Roof Area: 312m² Fire Rating Requirement: BROOF(T4)			design falls	PermaQuik PQ6100 Hot melt system Standard Protection Sheet 295mm (1x195, 1x100mm) ProTherm G XPS X 300 SL Insulation ProTherm XPS X MK Water flow reducing layer Finishes to be confirmed – Assumed Pavers on Pedestals/50mm depth 20/40mm Ballast	ASHP/Plant Zone Insulation depth amended to suit availability, refer to Radmat Blue Note 043 Falls indicated on mark up of ECE Architects drawing LD504-ECE-ZZ-RF-SK-A-SK01
Balconies to levels 9, 8, 7, 6, 5	Image Rotated	RT6	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Assumed Thermally Broken, not over heated space
		KIO	design falls	ReadySeal COLD ROOF System	Assumed Thermany Broken, not over heated space
(4 number to each level) T: TBC P: TBC Target U-value: N/A Total Roof Area: 185m² (37 m² per level) Fire Rating Requirement: BROOF(T4)	Image Rotated		design talls	Finishes to be confirmed – Assumed pavers/tile on Pedestals	Classified as a specified attachment, any insulation included to mitigate cold bridging would have to be non combustible
Balconies		RT6	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Assumed Thermally Broken, not over heated space
Level 4, 3, 2			design falls	ReadySeal COLD ROOF System	
(2 per level)				Finishes to be confirmed – Assumed pavers/tile on Pedestals	Classified as a specified attachment, any insulation included to mitigate cold bridging would have to be non combustible
T: TBC					
P: TBC					
Target U-value: N/A Total Roof Area: 114m ²					
Fire Rating Requirement: BROOF(T4)	Image Rotated				



Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Balconies Levels 4, 3, 2		RT6	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Assumed Thermally Broken, not over heated space
(2 per level)			design falls	ReadySeal COLD ROOF System	
				Finishes to be confirmed – Assumed pavers/tile on Pedestals	Classified as a specified attachment, any insulation included to
T: TBC					mitigate cold bridging would have to be non combustible
P: TBC					
Target U-value: N/A					
Total Roof Area: 33m²					
Fire Rating Requirement:					
Broof(T4)					
	Image Rotated				
Level 4 Block B/C Link Roof	inage notated	RT3	RC Slab, 1:40	EshaPrimer	
(1 Number)	Roll I was a second		design falls	PermaQuik PQ6100 Hot melt system	
,				Standard Protection Sheet	
T: N/A				295mm (1x195, 1x100mm) ProTherm G XPS X 300 SL Insulation	
P: 470mm	A CONTRACTOR OF THE PARTY OF TH			ProTherm XPS X MK Water flow reducing layer	
				50mm (Min.) 20/40mm Ballast	
Target U-value: 0.10w/m2k					
Total roof Area: 47m ²					
5. 5 5					
Fire Rating Requirement:					
Broof(T4)					
2: . 7 (2(2): 1)	Image Rotated	DTC	DC Clab 4.40	Doods Cool Drive on which dried oned	The several like Developer of a the several several several
Private Terrace (B/C Link)		RT6	RC Slab, 1:40 design falls	ReadySeal Primer w/ kiln-dried sand ReadySeal COLD ROOF System	Thermally Broken, not above heated space
Levels 3, 2			uesign falls	Finishes to be confirmed – Assumed pavers/tile on Pedestals	
T: 115mm				The second secon	
P: 75mm					
1.7311111					
Target U-value: N/A					
Total Roof Area: 18m ²					
. Star Noor Area. Tom	110				
Fire Rating Requirement:					
Broof(T4)					
	Image Rotated				
	100		I	I .	1



Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Level 1 Balconies		RT3	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Assumed Thermally Broken, not over heated space - TBC
(2 number)			design falls	ReadySeal COLD ROOF System	
				Finishes to be confirmed – Assumed pavers/tile on Pedestals	Classified as a specified attachment, any insulation included to
T: TBC					mitigate cold bridging would have to be non combustible
P: TBC					
Target U-value: N/A					
Total Roof Area: 20m²					
Fire Rating Requirement:					
Broof(T4)					
	Image Rotated				
Level 1 Private Terrace	~	RT3	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Non-Thermally Broken, over heated space -confirmed by ECE
(3 Number)			design falls	ReadySeal WARM ROOF System	Architecture 16/12/2022
T: TBC				160mm FOAMGLAS INVATHERM*	U Value and build up developed between ECE and FOAMGLAS –
P: TBC	2000年,1000年			ProTherm XPS X MK Water flow reducing layer	No Radmat involvement
F. IBC	10000000000000000000000000000000000000			Finishes to be confirmed –Non combustible decking on Pedestals	
Target U-value: 0.12w/m²k				**Supplemented beneath Slab with 150mm FOAMGLAS T3+ Slab adhered in PC56 Adhesive	Plant Room, Corridor, cycle store beneath, potential to decrease
Total Roof Area: 30m ²				aunered in PC56 Aunesive	thermal performance
Total Nool / Wed. Som	THE RESERVE TO SERVE				
Fire Rating Requirement:	WE TEN FILE OF				
BROOF(T4)					
	Image Rotated				
Level 1 Private Terrace (B/C	illiage Notateu	RT3	RC Slab, 1:40	ReadySeal Primer w/ kiln-dried sand	Non-Thermally Broken, Roof over unheated space – Confirmed
Link)		•	design falls	ReadySeal COLD ROOF System	by ECE Architecture 16/12/2022
(1 Number)				Finishes to be confirmed –Non combustible decking on Pedestals	
, ,					No Insulation above the structural slab confirmed by ECE
T: TBC					Architecture 16/12/2022 – soffit insulation only. Strategy not developed by Radmat – condensation risk to be considered.
P: TBC					developed by Radmat – condensation risk to be considered.
Target U-value: N/A					
Total Roof Area: 9m²					
	Image Rotated				
Total Roof Area for Blo	ock: 780m²				



Block C

Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Level 5 Lift Over run		RT1	RC Slab, zero falls	EshaPrimer	*Subject to design, but max height nominally 260mm
	Man			EshaBase ALU	
T: N/A				ProTherm PIR Torch TAPERED 1:60*	
P: N/A				Esha 370 Plain	
	No. of the last of			Esha 370 FireSafe	
Target U-value: 0.10w/m2k					
Total Roof Area: 13m²					
Fire Rating Requirement:					
Broof(T4)					
	Image Rotated				
Level 5 External Stair	- Maga Notates	TBC	RC Slab, cast to	EshaPrimer	*U value Assumed
	A Transition of the second		falls	PermaQuik PQ6100 Hot melt system	
T: N/A (Access Hatch)				Standard Protection Sheet	
P: 720mm				115mm ProTherm G XPS X 300 SL Insulation	
	THE STATE OF THE S			ProTherm XPS X MK Water flow reducing layer	
Target U-value: 0.25w/m²k*				50mm min. depth of 20/40mm rounded ballast/pavers on	
Total Roof Area: 17m ²				pedestals	
Fire Rating Requirement:					
Broof(T4)					
	Image Rotated				
Level 5 (Roof)		RT2	RC Slab*	EshaPrimer	Radmat Blue Roof Calculation PR6852-BR-01
Blue/Green Roof				PermaQuik PQ6100 Hot melt system	* Falls indicated on mark up of ECE Architects drawing LD504-
				Texsa Protection Sheet (all laps torched)	ECE-ZZ-RF-SK-A-SK01
T: N/A				295mm (1x195, 1x100mm) ProTherm G XPS X 300 SL Insulation	LOCAL MI OKA OKOL
P: 750mm				ProTherm XPS X MK Water flow reducing layer	Assumed to Match Block A Roof
Torrest II walker 2 4 2 ·· /···21·				SWG100 Attenuation Geocell, fully encapsulated in G12 Fleece	
Target U-value: 0.10w/m²k				MedO D25 Drainage & Reservoir Board MedO G11 Filter Fleece	
Total Roof Area: 480m²				80-150mm, 115mm Avg. MedO GM30 Wildflower Substrate	
Fire Rating Requirement:				MedO S1 Seed Mix	
Broof(T4)					
	Image Rotated				



Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Balconies Level 4, 3, 2	-	RT4	RC Slab, 1:40	ReadySeal Primer with kiln-dried sand	Assumed Thermally Broken, not over heated space
(8 number)			design falls	ReadySeal COLD ROOF System	
				Finishes to be confirmed – Assumed pavers/tile on Pedestals	Classified as a specified attachment, any insulation included to
T: TBC					mitigate cold bridging would have to be non combustible
P: TBC					
Target U-value: N/A					
Total Roof Area: 150m²					
Fire Rating Requirement:	Image Rotated				
BROOF(T4)/Non Combustible	illiage Rotateu				
Access Terraces		RT6	RC Slab, 1:40	ReadySeal Primer with kiln-dried sand	Thermally Broken, not over heated space
Levels 4, 3, 2, 1		KIO	design falls	ReadySeal COLD ROOF System	mermany broken, not over heated space
			223,511 14113	Finishes to be confirmed – Assumed pavers/tile on Pedestals	
(4 Number)					
T: TBC					
P: TBC					
Target U-value: N/A					
Total Roof Area: 244m2					
(61m² per floor)					
Fire Rating Requirement:					
Broof(T4)	Image Rotated				
Level 1 Balconies	-	RT5	RC Slab, 1:40	ReadySeal Primer with kiln-dried sand	Refer to ECE Architecture Drawing LD504-ECE-ZZ-ZZ-DR-A-2112
(8 number)			design falls	ReadySeal WARM ROOF System	Detail 3
(ca				200mm FOAMGLAS INVATHERM	
T: TBC				ProTherm XPS X MK Water flow reducing layer	Area over heated space: Non-Thermally Broken
P: TBC				Finishes to be confirmed – Assumed pavers/tile on Pedestals	Projecting element: Thermally broken away from slab - no
· = -				**Supplemented beneath Slab with 90mm FOAMGLAS T3+ Slab	insulation required
Target U-value: 0.12w/m2k				adhered in PC56 Adhesive	U Value to area over heated space confirmed by ECE:
Total Roof Area: 50m ²					0.12w/m2k
Fire Rating Requirement:					U Value and build up developed between ECE and FOAMGLAS –
BROOF(T4)/Non Combustible					No Radmat involvement
Insulation					
	Image Rotated				
	3				
Í					



Identification	Location	Roof Type	Substrate	Radmat Specification	Notes			
Level 1 Canopy over entrance		TBC	RC Slab, 1:40 falls	ReadySeal Primer w/ kiln-dried sand				
				ReadySeal COLD ROOF System				
T: N/A				No finishes Assumed				
P: 950mm								
Target U-value: N/A								
Total Roof Area: TBC								
Fire Rating Requirement: BROOF(T4)								
	Image Rotated							
Total Roof Area for Blo	Total Roof Area for Block: 954m ²							

Podium

Identification	Location	Roof Type	Substrate	Radmat Specification	Notes
Podium		TBC	RC Concrete, zero falls	No details provided, but assumed to be:	No Information provided- extent and scope TBC
T: TBC	Tal bear			EshaPrimer	
P: TBC				PermaQuik PQ6100 Hot melt system	
				Texsa Protection Sheet (All laps torched)	
Target U-value: TBC				Insulation -TBC	
Total Roof Area: TBC				ProTherm XPS X MK Water flow reducing layer	
Fire Rating Requirement: BROOF(T4)				Finishes LA Specification	