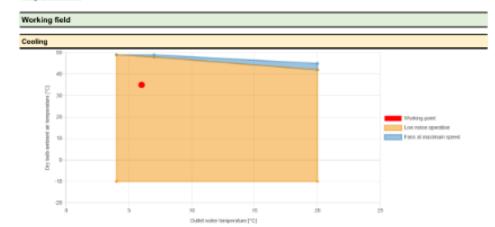
RAILWAY PENSION INVESTMENTS LIMITED

SUSTAINABILITY ENERGY STATEMENT - REV. PO3

NPG3000E4"J"DHSH

qec	12 / 7 °C	%	181,33
SEER	12 / 7 °C	W/W	4.61
nsc	23 / 18 °C	%	197.68
SEER	23 / 18 °C	WW	5.02
Pdesignh	56 °C	kW	710.94
ngs	55 °C	%	130.96
SCOP	55 °C	ww	3.35
Pdesignh	35 °C	KW	719.87
Q8	36 °C	%	152.14
SCOP	36 °C	WW	3.88



The coefficial standard performances, conditions and the conflictation of the software can be rentfied in those (News.compan) conflictances. As specified in the conflictors of use, the technical data shows one not binding. As more reserves the right to residu changes for improvements or corrections at any time.

18/09/2024 Aermec S.p.A. - Magellano v7.0.7 3/6

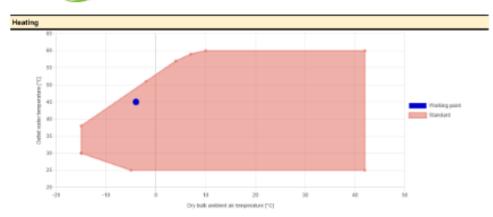




NPG3000E4°J°DHSH

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General data			
Refrigerant circuit data			
Refrigerant			R3
Driver			On-O
Compressor type			Sero
Number of compressors		n.	
Number of cooling circuits		n.	
	C1	kg	67.5
Refrigerant gas charge	G2	kg	67.5
	C3	kg	4
	C1	I	23.0
Oil charge	C2	1	23.0
	C3		2
Fan group data			
Driver			Inverter modulatio
Fam type			Axia
Number of fans		n.	2
Air flow rate		m ¹ /s	94.155
Water circuit data			
Exchanger type			Plat
Number of exchangers		n.	
Connections type			Grooved joint
Water connections	inlet	ø	5
Vialer connections	outlet.	0	

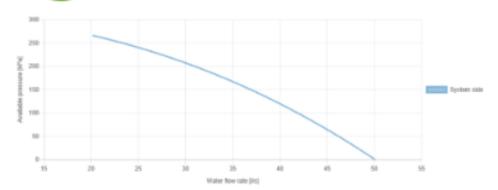
The certified standard performances, conditions and the certification of the activate can be verified in https://www.w.coverd-certification.com
As specified in the conditions of use, the lectrical data shown are not bridge. As more reserves the right to make changes for improvements or corrections at any time.

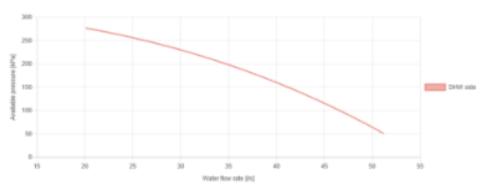
Aermec S.p.A. - Magellano v7.0.7 18/09/2024

RAILWAY PENSION INVESTMENTS LIMITED

SUSTAINABILITY ENERGY STATEMENT - REV. PO3

NPG3000E4°J°DHSH





Water circuit data (rec	overy side)				
Exchanger type					F
Number of exchangers			n.		
Connections type					Grooved jo
Water connections		inlet	Ø		
Wassi Connaceons		putlet	Ø		
210 W. 200 801 110 150 100 50					
0 15	20	25 30	35	40 45	50 55

18/09/2024 5/6 Aermec S.p.A. - Magellano v7.0.7

Water flow rate [i/s]



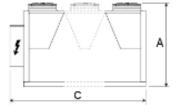


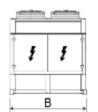
NPG3000E4°J°DHSH

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lound power - L	W			dB(A)		92.6
ound pressure	at 10 m			dB(A)		59.3
Hz	Lw [dB]	Lw [dB(A)]	90			
125	99.6	83.5	80			
250	89.7	81.1	70			
500	87.6	84.4				
1000	88.5	88.5	S 20			
2000	84.8	86.0	30			
4000	76.8	77.8	20			
8000	70.1	69.0	10			

and the second s				
Electric data				
Full Load Amps (FLA)	A	710.7		
Locked Rotor Amps (LRA)	A	1.173.0		
Power supply		400V/3/50Hz with circuit breakers		
Dimensions and weights				
A - Height	m	2.45		
B - Width	m	2.2		
C - Length	m	13.53		
Empty weight	kg	10.659		
Shipping weight	kg	10.659		





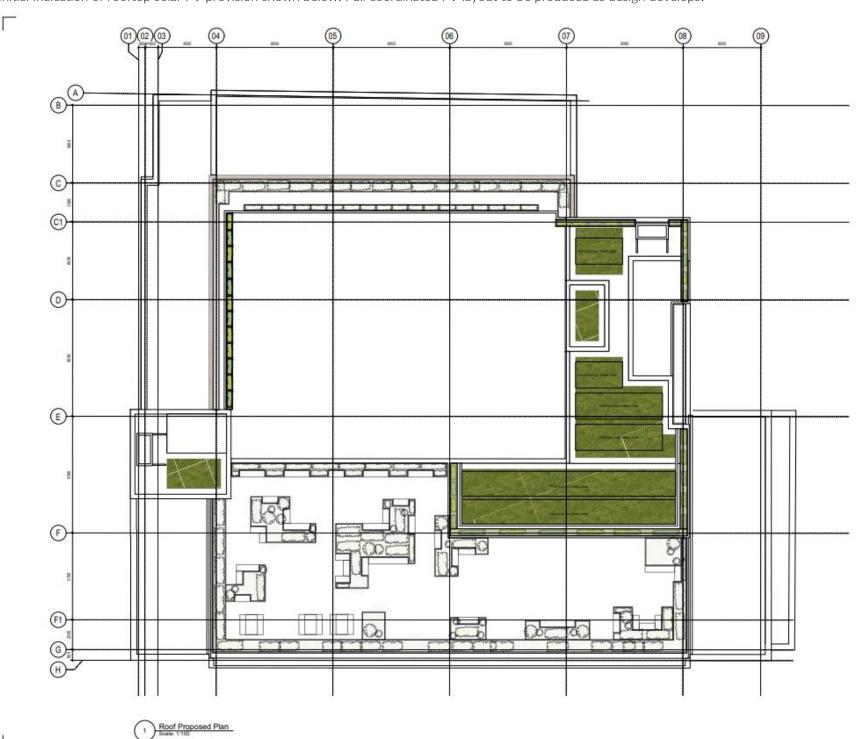
6/6

The certified standard performances, candidors and the certification of the adjuster can be verified in https://www.a.covert-certificatios.com
As specified in the conditions of use, the lectrical data shown are not bridge. As more reserves the right to make changes for improvements or corrections at any time.

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Appendix C: Solar photovoltaic layout.

Initial indication of rooftop solar PV provision shown below. Full coordinated PV layout to be produced as design develops.



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RAILWAY PENSION INVESTMENTS

SUSTAINABILITY

ENERGY STATEMENT - REV. PO3

Appendix D: BRUKLS

Contents

D.1 Refurbishment Baseline

BRUKL Output Document

₩HM Government

Compliance with England Building Regulations Part L 2021

Project name

26 Red Lion Sq _ Baseline_v1

As designed

Date: Mon Nov 25 14:51:48 2024

Administrative information

Building Details Address: Address 1, City, Postcode Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.25

Certifier details

Interface to calculation engine: IES Virtual Environment Interface to calculation engine version: 7.0.25

BRUKL compliance module version: v6.1.e.1

Name: Giorgio Beghi

Telephone number:

Address: 12-13 Stable Street, London, N1C 4AB

Foundation area [m1]: 1298.5

The CO2 emission and primary energy rates of the building must not exceed the targets

The building does not comply with England Building Regulations Part L 2021

Target CO₂ emission rate (TER), kgCO₂/m²annum	3.54	
Building CO ₂ emission rate (BER), kgCO ₂ /mtannum	6.02	
Target primary energy rate (TPER), kWh _e /mtannum	38.99	
Building primary energy rate (BPER), kWh _{re} /m²annum	65.11	
Do the building's emission and primary energy rates exceed the targets?	BER > TER	BPER > TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	Useuma	Un-Case	Uncase	First surface with maximum value
Walls*	0.26	0.54	0.55	L0000024:Surf[0]
Floors	0.18	0.25	0.25	BS000004:Surf[2]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.18	0.18	L0000098:Surf[7]
Windows** and roof windows	1.6	1.4	1.4	L000002A:Surf[3]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.6	1.6	L000001D:Surf[0]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	1.4	1.4	L0000096:Surf[10]
United Elimiting area-weighted average U-values [M0/m10] U-cate Calculated maximum individual element U-values [M0/m10] U-cate Calculated maximum individual element U-values [M0/m10]				
 Automatic U-value check by the tool does not apply to curtain waits whose limiting standard is similar to that for windows. Display windows and similar glassing gave excluded from the U-value check. Values for confights nafer to the horizontal position. For fine does, limiting U-value is 1.8 WhYR. 				
NB: Neither roof ventilators (inc. smoke vents) nor swimmit	ng pool basir	s are mode	eled or ched	doed against the limiting standards by the tool.

Air permeability	Limiting standard	This building
m\((h.m)) at 50 Pa	8	25

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Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters			
	Actual	Notional	9
Floor area [m²]	13629.5	13629.5	4
External area [m²]	9786.1	9786.1	_
Weather	LON	LON	9
Infiltration [m²/hm²@ 50Pa]	25	3	-
Average conductance [W/K]	5048.15	3825.07	-
Average U-value [W/m²K]	0.52	0.39	-
Alpha value* [%]	25	10	-

Percentage of the building's evenego heat transfer one florent which is due to the mail bridging

Building Use					
% Area	Building Type				
4	Retail/Financial and Professional Services				
	Restaurants and Cafes/Drinking Establishments/Takeaways				
96	Offices and Workshop Businesses				
	General Industrial and Special Industrial Groups				
	Storage or Distribution				

Residential Institutions: Hospitals and Care Home:

Residential Institutions: Residential Schools Residential Institutions: Universities and Colleges

Secure Residential Institutions

Residential Spaces
Non-residential Institutions: Community/Day Centre

Non-residential Institutions: Ubtrairies, Museums, and Galleries Non-residential Institutions: Education Non-residential Institutions: Primary Health Care Building

Non-residential Institutions: Grown and County Courts

General Assembly and Leisure, Night Clubs, and Theatres Others: Passenger Terminals

Others: Emergency Services Others: Miscellanegus 24hr Activities Others: Car Parks 24 hrs

Others: Stand Alone Litility Block

Energy Consumption by End Use [kWh/m²]

	Actual	Notional
Heating	8.16	0.8
Cooling	2.2	4.33
Auxiliary	9.5	7.14
Lighting	14.53	11.03
Hot water	9.55	3.26
Equipment*	40.66	40.66
TOTAL**	43.94	26.56

[&]quot; Breegy used by equipment does not count towards the total for consumption or calculating emissions." Total is not of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m²]

	Actual	Notional
Photovoltaic systems	0	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	0	0

Energy & CO ₂ Emissions Summary			
	Actual	Notional	
Heating + cooling demand [MJ/m ²]	109.42	80.2	
Primary energy [kWh _{re} /m²]	65.11	38.99	
Total emissions [kg/m²]	6.02	3.54	

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SUSTAINABILITY

RAILWAY PENSION INVESTMENTS

ENERGY STATEMENT - REV. PO3

LIMITED

D.2 Refurbishment Be Lean/Be Clean

BRUKL Output Document

₩ HM Government

Compliance with England Building Regulations Part L 2021

Project name

26 Red Lion Sq _ BeLean_v1

As designed

Date: Tue Nov 26 19:19:12 2024

Administrative information

Building Details Address: Address 1, City, Postcode

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.25

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.25

BRUKL compliance module version: v6.1.e.1

Certifier details

Name: Giorgio Beghi

Telephone number:

Address: 12-13 Stable Street, London, N1C 4AB

Foundation area [m²]: 1298.5

The CO2 emission and primary energy rates of the building must not exceed the targets

The building does not comply with England Building Regulations Part L 2021

Target CO₂ emission rate (TER), kgCO₂/m²annum	3.58	
Building CO ₂ emission rate (BER), kgCO ₂ /m²annum	4.19	
Target primary energy rate (TPER), kWh-/m²annum	39.44	
Building primary energy rate (BPER), kWh _{re} /m²annum	46.14	
Do the building's emission and primary energy rates exceed the targets?	BER > TER	BPER > TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	Ua-Limit	Ua-Calo	U _{i-Calo}	First surface with maximum value
Walls*	0.26	0.2	0.3	L0000043:Surf[2]
Floors	0.18	0.1	0.1	BS000004:Surf[2]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	L0000096:Surf[7]
Windows** and roof windows	1.6	1.5	1.5	L000002A:Surf[3]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.6	1.6	L000001D:Surf[0]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	1.5	1.5	L0000096:Surf[10]
United a Limiting area-weighted average U-values (W//m/K	M		Ukran - Ca	sculated maximum individual element U-values (W//m²K))

U = Calculated area weighted average U-values [W/(m*K)]

Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

" Display windows and similar glazing are excluded from the U-value check. For fire doors, limiting U-value is 1.8 W/m³K

NB: Neither roof ventilators (inc. smoke vents) nor swir ring pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
m ³ /(h.m ²) at 50 Pa	8	3

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters				
	Actual	Notional		
Floor area [m²]	13629.5	13629.5		
External area [m²]	9786.1	9786.1		
Weather	LON	LON		
Infiltration [m³/hm²@ 50Pa]	3	3		
Average conductance [W/K]	3161.44	3819.1		
Average U-value [W/m²K]	0.32	0.39		
Alpha value* [%]	25	10		

Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Are	a Building Type
4	Retail/Financial and Professional Services
	Restaurants and Cafes/Drinking Establishments/Takeaways
96	Offices and Workshop Businesses

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General Industrial and Special Industrial Groups Storage or Distribution

Residential Institutions: Hospitals and Care Homes

Residential Institutions: Residential Schools Residential Institutions: Universities and Colleges

Secure Residential Institutions

Residential Spaces

Non-residential Institutions: Community/Day Centre Non-residential Institutions: Libraries, Museums, and Galleries

Non-residential Institutions: Education

Non-residential Institutions: Primary Health Care Building

Non-residential Institutions: Crown and County Courts General Assembly and Leisure, Night Clubs, and Theatres

Others: Passenger Terminals

Others: Emergency Services Others: Miscellaneous 24hr Activities

Others: Car Parks 24 hrs

Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m²]

	Actual	Notional
Heating	1.01	0.8
Cooling	5.41	4.33
Auxiliary	6.67	7.43
Lighting	8.79	11.03
Hot water	9.55	3.26
Equipment*	40.66	40.66
TOTAL**	31.45	26.86

^{*} Energy used by equipment does not count towards the total for consumption or calculating emissions.
** Total is not of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m²]

	Actual	Notional
Photovoltaic systems	0	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	0	0

Energy & CO, Emissions Summary Notional

Heating + cooling demand [MJ/m²] 80.85 80.28 Primary energy [kWh_{PE}/m²] 46.14 39.44 4.19 3.58 Total emissions [kg/m²]

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RAILWAY PENSION INVESTMENTS LIMITED

SUSTAINABILITY

ENERGY STATEMENT - REV. PO3

D.3 Refurbishment Be Green

BRUKL Output Document

HM Government

Compliance with England Building Regulations Part L 2021

Project name

26 Red Lion Sq _ BeGreen_v1

As designed

Date: Tue Nov 26 21:39:54 2024

Administrative information

Building Details

Certification tool

Calculation engine: Apache Calculation engine version: 7.0.25

Address: Address 1, City, Postcode

Interface to calculation engine: IES Virtual Environment

Certifier details Name: Giorgio Beghi Interface to calculation engine version: 7.0.25 BRUKL compliance module version: v6.1.e.1

Telephone number:

Address: 12-13 Stable Street, London, N1C 4AB

Foundation area [m²]: 1298.5

The CO2 emission and primary energy rates of the building must not exceed the targets

Target CO ₂ emission rate (TER), kgCO ₂ /m²annum	3.82	
Building CO₂ emission rate (BER), kgCO₂/m²annum	3.43	
Target primary energy rate (TPER), kWh _{sc} /m²annum	41.95	
Building primary energy rate (BPER), kWh _{ec} /m²annum	37.76	
Do the building's emission and primary energy rates exceed the targets?	BER =< TER	BPER =< TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	Ue-Limit	Us-Cale	Ul-Cale	First surface with maximum value
Walls*	0.26	0.2	0.3	L0000043:Surf[2]
Floors	0.18	0.1	0.1	BS000004:Surf[2]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	L0000096:Surf[7]
Windows** and roof windows	1.6	1.5	1.5	L000002A:Surf[3]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.6	1.6	L000001D:Surf[0]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	1.5	1.5	L0000096:Surf[10]

Unitine – Limiting area-weighted average U-values [Wi(m*K)]
Unitine – Calculated area-weighted average U-values [Wi(m*K)]

Urcas = Calculated maximum individual element U-values [W/(m*K)]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check.

*** Values for rooflights refer to the horizontal position.

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
m²/(h.m²) at 50 Pa	8	3

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Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters Notional Floor area [m²] 13629.5 13629.5 External area [m²] 9786.1 9786.1 LON Weather LON Infiltration [m³/hm²@ 50Pa] 3 Average conductance [W/K] 3161.44 3819.1 Average U-value [W/m²K] 0.32 0.39 Alpha value* [%] 25 10

" Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area Building Type

Restaurants and Cafes/Drinking Establishments/Takeaways
Offices and Workshop Businesses
General Industrial and Special Industrial Groups Storage or Distribution

Residential Institutions: Hospitals and Care Homes Residential Institutions: Residential Schools

Residential Institutions: Universities and Colleges

Retail/Financial and Professional Services

Secure Residential Institutions

Residential Spaces

Non-residential Institutions: Community/Day Centre Non-residential Institutions: Libraries, Museums, and Galleries

Non-residential Institutions: Education

Non-residential Institutions: Primary Health Care Building

Non-residential Institutions: Crown and County Courts

General Assembly and Leisure, Night Clubs, and Theatres

Others: Passenger Terminals Others: Emergency Services

Others: Miscellaneous 24hr Activities

Others: Car Parks 24 hrs Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m²]

	Actual	Notional
Heating	0.83	0.81
Cooling	5.39	4.32
Auxiliary	6.49	7.08
Lighting	8.6	10.91
Hot water	5.74	5.45
Equipment*	40.66	40.66
TOTAL**	27.05	28.56

⁵ Binergy used by equipment does not count lowards the total for consumption or calculating emission for the present of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m²]

	Actual	Notional
Photovoltaic systems	1.28	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	1.28	0

Energy & CO₂ Emissions Summary

	Actual	Notional	
Heating + cooling demand [MJ/m ²]	80.53	80.14	
Primary energy [kWh _{PE} /m ²]	37.76	41.95	
Total emissions [kg/m²]	3.43	3.82	

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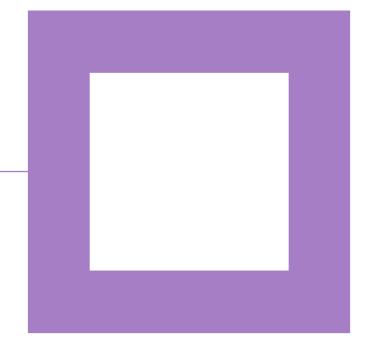
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