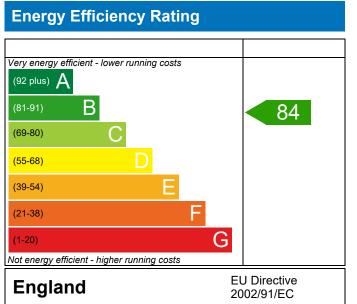


Apartment 7 - Onslow Mills, Trout Road, West Drayton, UB7 7RR Dwelling type:Flat, EndDate of assessment:01/06/202Produced by:AlexandeTotal floor area:87.9 m²DRRN:2525-960

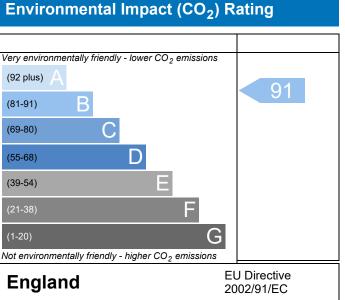
Flat, End-Terrace 01/06/2022 Alexander Pelling 87.9 m² 2525-9606-0022

This document is a Predicted Energy Assessment for properties marketed when they are incomplete. It includes a predicted energy rating which might not represent the final energy rating of the property on completion. Once the property is completed, this rating will be updated and an official Energy Performance Certificate will be created for the property. This will include more detailed information about the energy performance of the completed property.

The energy performance has been assessed using the Government approved SAP2012 methodology and is rated in terms of the energy use per square meter of floor area; the energy efficiency is based on fuel costs and the environmental impact is based on carbon dioxide (CO_2) emissions.



The energy efficiency rating is a measure of the overall efficiency of a home. The higher the rating the more energy efficient the home is and the lower the fuel bills are likely to be.



The environmental impact rating is a measure of a home's impact on the environment in terms of carbon dioxide (CO_2) emissions. The higher the rating the less impact it has on the environment.

This report has been produced by an accredited Elmhurst member whose work is subject to quality assurance audits. The data used to produce the report has been verified by the Elmhurst members' portal.





Regs Region: England Elmhurst Energy Systems SAP2012 Calculator (Design System) version 4.14r19

BUILDING REGULATION COMPLIANCE Calculation Type: New Build (As Designed)



Property Reference	ONSLOW MILLS 7				Issued on Date	01/06/2022	
Assessment	As-Designed		Prop Type Ref				
Reference	Anartment 7. Onclow Mills, Trout Read, West Drauter, UR7 788						
Property Apartment 7 - Onslow Mills, Trout Road, West Drayton, UB7 7RR							
SAP Rating		84 B	DER	11.99	TER	17.43	
Environmental		91 B	% DER <ter< th=""><th></th><th>31.22</th><th></th></ter<>		31.22		
CO ₂ Emissions (t/year)		0.79	DFEE	45.50	TFEE	48.71	
General Requirements Compliance		Pass	% DFEE <tfee< th=""><th></th><th>6.60</th><th></th></tfee<>		6.60		
	Alexander Pelling, Alexander Pelling, Tel: 01732808238, Assessor ID T297-0001						
	avid Butler, DEVCON						
SUMARY FOR INPUT DATA FOR New Build (As Designed)							
Criterion 1 – Achieving the TER and TFEE rate							
1a TER and DER							
Fuel for main heating	Mains ga	Mains gas					
Fuel factor	1.00 (mains gas)						
Target Carbon Dioxide Emission Rate (TER)		17.43			kgCO ₂ /m ²		
Dwelling Carbon Dioxide Emission Rate (DER)		11.99			kgCO ₂ /m ²	Pass	
		-5.44 (-32	1.2%)		kgCO ₂ /m ²	·	
1b TFEE and DFEE							
Target Fabric Energy Efficiency (TFEE)		48.71			kWh/m²/yr kWh/m²/yr		
Dwelling Fabric Energy Efficiency (DFEE)			45.50				
		-3.2 (-6.6	-3.2 (-6.6%)			Pass	
Criterion 2 – Limits on design flexibility							
Limiting Fabric Stand	dards						
2 Fabric U-values							
Element			Highest				
External wall		(max. 0.30)	, , , , ,))	Pass	
Party wall Floor		(max. 0.20)			2)	Pass	
· ·		(max. 0.25) (max. 2.00)		70 (max. 0.70		Pass Pass	
2a Thermal bridging	(11107. 2.00)	1.7	o (max. 5.50)	1 833		
		rmal transmitt	ances for each iun	ction			
Thermal bridging calculated from linear thermal transmittances for each junction <u>3 Air permeability</u>							
Air permeability at 50 pascals		5.00 (des	5.00 (design value)			m³/(h.m²) @ 50 Pa	
Maximum		10.0					
Limiting System Effic				m³/(h.m²) @ 50 P			
4 Heating efficiency							

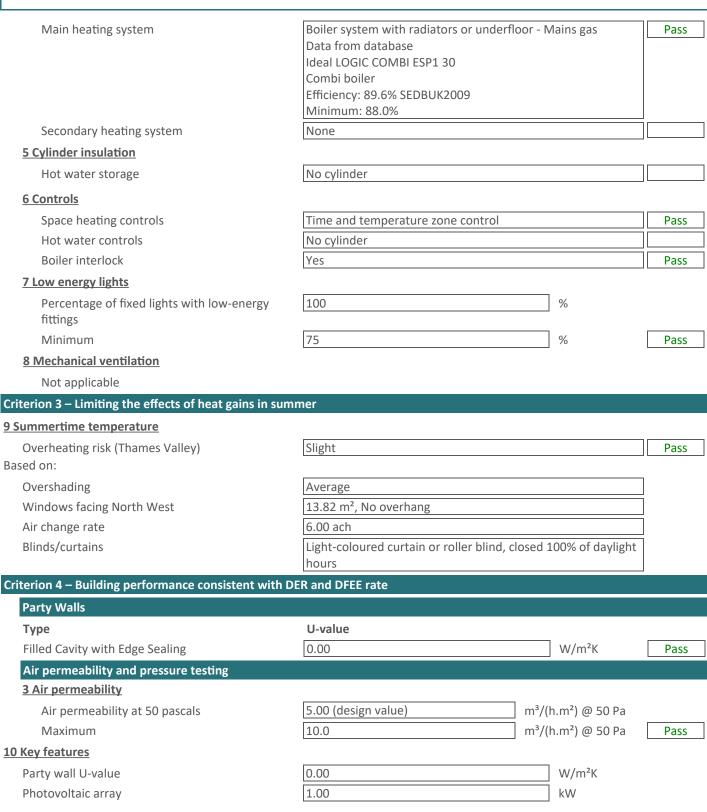
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BUILDING REGULATION COMPLIANCE Calculation Type: New Build (As Designed)



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