

ENERGY PERFORMANCE CERTIFICATE

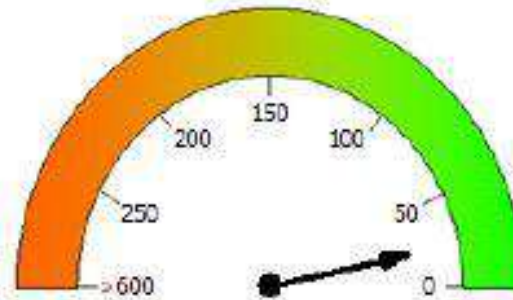
Property: Residential Building

1. GENERAL INFORMATION			
Certificate code	APE-001	Validity	10 years
Cadastral references	Folio XXX plot XXX sub XXX , Tortoreto		
Address	Via Garibaldi n° XX, Tortoreto (TE) 64010		
New build	V	Transfer of ownership	O Energetic requalification O
Property	Mr ROSSI	Telephone	XXXXXXXXXXXX
Address	Piazza del Popolo n° XX, Roma (RM) 00100	E-mail	xxxx@virgilio.it

2. OVERALL ENERGY RATING OF BUILDING

A+

EMISSIONI DI CO2
2.79 [kgCO2/m² anno]



PRESTAZIONE ENERGETICA GLOBALE
21.997 [kWh/m² anno]

PRESTAZIONE ENERGETICA RAGGIUNGIBILE
0 [kWh/m² anno]



PRESTAZIONE RAFFRESCAMENTO
0 [kWh/m² anno]



PRESTAZIONE RISCALDAMENTO
14.011 [kWh/m² anno]

LIMITI DI LEGGE



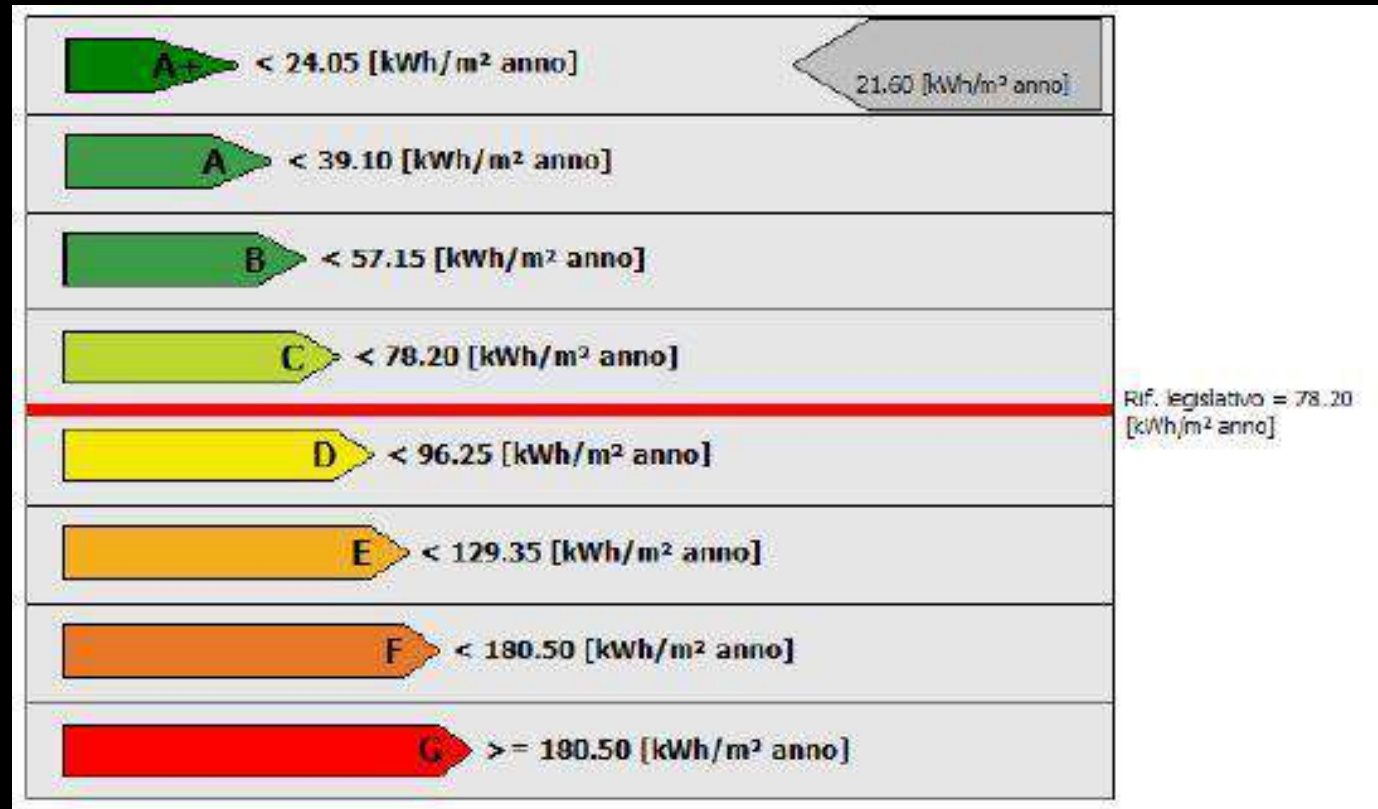
PRESTAZIONE ACQUA CALDA
7.586 [kWh/m² anno]

4. QUALITY OF BUILDING COVER (COOLING SYSTEM)	I	II	III	IV	V
5. CALCULATION METHOD (ADOPTED)					

ANNEX 6 (ANNEX A, paragraph 8)

6. RECCOMENDATIONS		
Interventions	Energy Performance/Rating for each intervention	Return time (Years)
1)		
2)		
3)		
4)		
5)		
POTENTIAL ENERGY PERFORMANCE <small>(2)</small>	0 kWh/m²year	(<10 years)

7. OVERALL ENERGY RATING OF BUILDING			
ENERGY SERVICES INCLUDED IN THE RATING	Heating	Cooling	Warm water sanitation
	V	O	V



8. PARTIAL ENERGY PERFORMANCE DATA					
8.1 COOLING		8.2 HEATING		8.3 WARM SANITATION WATER	
Primary energy index (EPI)		Primary Energy Index (EPI)	14,01	Primary Energy Index	7,59
Legal minimum requirement of primary energy index		Legal minimum requirement of primary energy index (d.lgs. 192/05)	68,40		
Envelop Index (E _{Pe,inv})		Envelop Index (E _{Pi,inv})	0,00	Renewable sources	
Plant performance		Average seasonal plant performance (h _g)	365,98		
Renewable sources		Renewable sources			

ANNEX 6 (Annex A, paragraph 8)

9. NOTES

10. BUILDING				
Type of building	Civil building construction			Photo of building (Not compulsory)
Type of construction	Timber structure			
Year of construction	2013	Number of flats	1	
Gross heated volume V (m ³)	391,17	Net internal area (m ²)	119,20	
Dispersion surface S (m ²)	418,71	Climatic Zone /GG	C/1206	
Ratio S/V	1,07	Intended use	E.1(1)	

11. IMPIANTI				
Heating	Year of installation	2013	Type	PDC
	Nominal power (kW)	16,38	fuel	Electric
Warm sanitary water	Year of installation		Type	PDC
	Nominal power (kW)	42,00	fuel	Electric
Cooling	Year of installation		Type	
	Nominal power (kW)	0,00	fuel	
Renewable sources	Year of installation		Type	Photovoltaic panel
	Annual energy produced (kWh _e /kWh _t)	707,90		

12. DESIGN				
Architect/s	Arch. Enzo Pagano			
Address		Telephone/e-mail		
Architect/s for installation	Ufficio Tecnico Pagano			
Address		Telephone/e-mail		

13. CONSTRUCTION

Builder	Pagano System s.r.l.		
Address	Via Sabotino 12 - 00195 Rome	Telephone/e-mail	
Project manager			
Address		Telephone/e-mail	

14. CERTIFYING AGENCY

Company/public organization	Technician V	Energy Manager	Organization / Company
Name and Surname / Title	Eng. Erika Fossati		
Address		Telephone/e-mail	XXXXXXXXXXXXXXXXXXXX
Title	Engineer	Charter Engineers	Engineer of L'Aquila
Declaration of objectivity and independence			
Additional information			

15. INSPECTION

1) 22/04/2013
2)
3)

16. DATA ENTRY

Energy project	0	Measurement on the build:	0
Origin and responsibility			

17. SOFTWARE

Programme	Mc4Suite 2013	Producer	Mc4Software Italia s.r.l.
Insurance declaration of maximum deviation of the results obtained lower by more or less 5% of the values derived from the referenced national calculation methodology (UNI?TS 11300) provided by <i>CTI Certificato n.4 e n.27</i>			

technician
Eng. Fossati Erika